

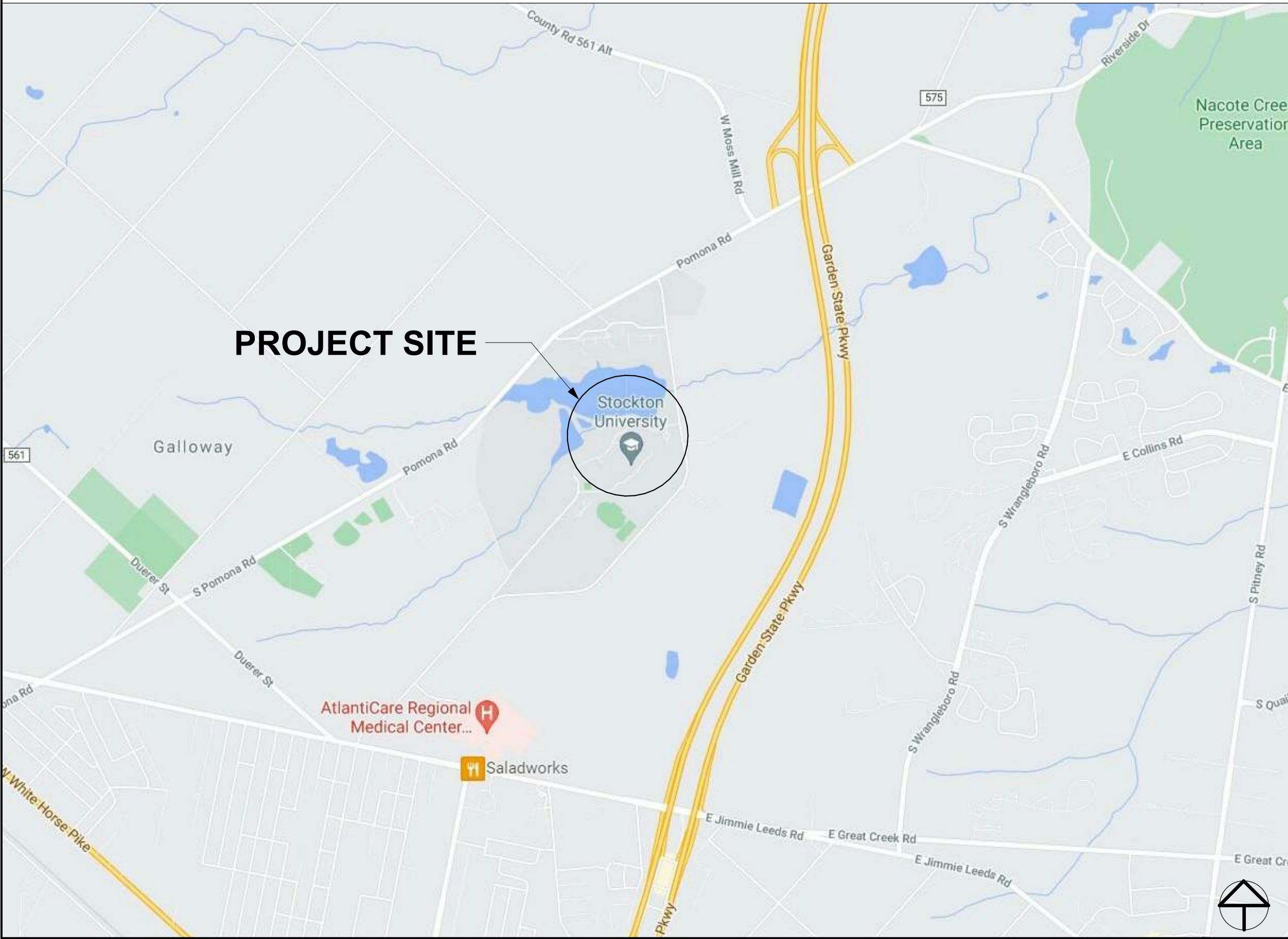
STOCKTON UNIVERSITY MULTICULTURAL CENTER

101 Vera King Farris Drive, Galloway, NJ 08205

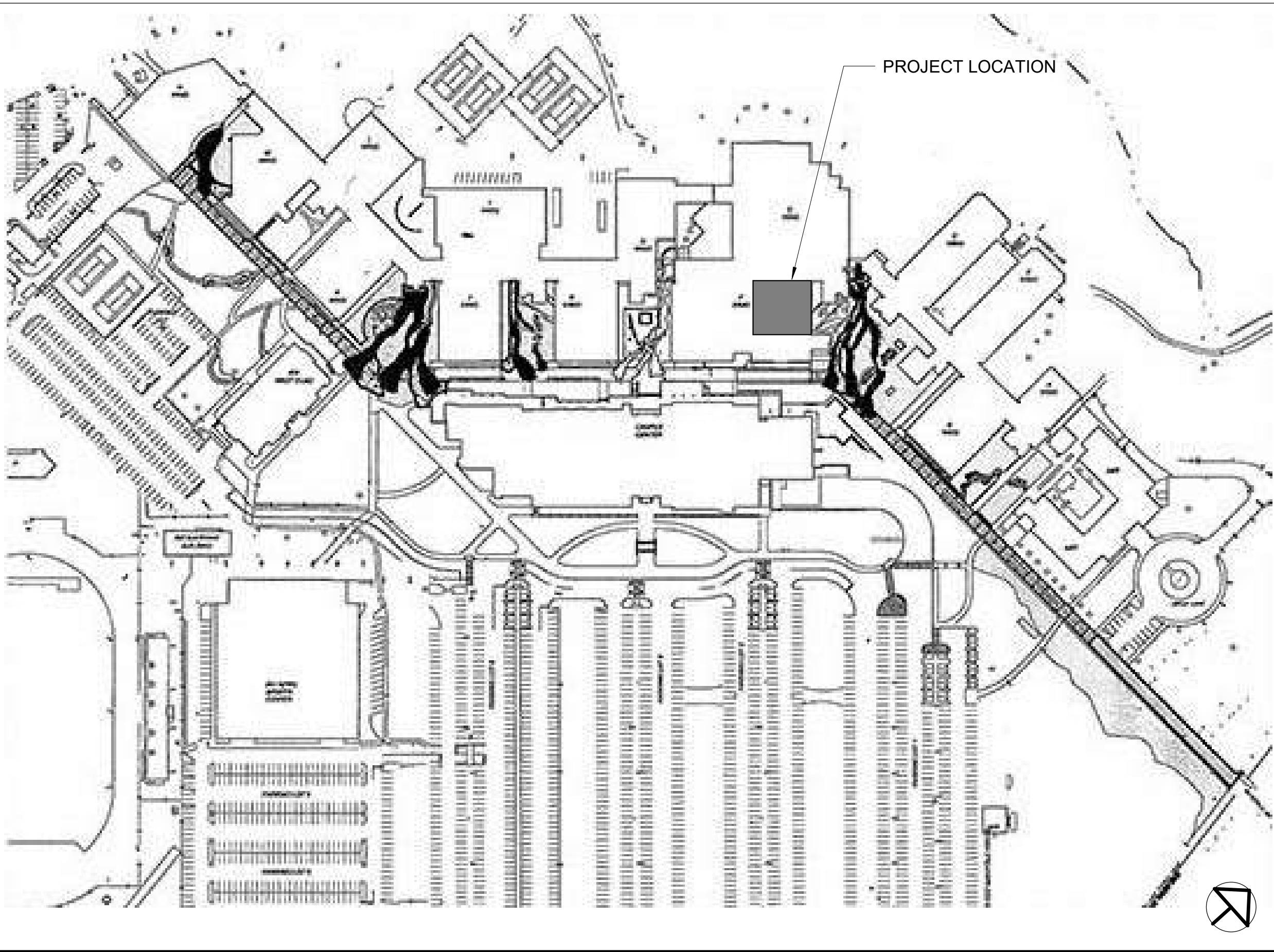
PROJECT RENDERINGS



VICINITY MAP



LOCATION MAP



PROJECT TEAM

OWNER/CLIENT: STOCKTON UNIVERSITY
CIVIL ENGINEER: MARATHON ENGINEERING & ENVIRONMENTAL SERVICES, INC.
ARCHITECT: OCA ARCHITECTS, INC.
LANDSCAPE ARCHITECT: FORREST ASSOCIATES LTD.
CONSULTING ENGINEER (MEP&FP): W&M ENGINEERS, INC.

PROJECT DESCRIPTION

THE PROJECT CONSISTS OF EXTERIOR AND INTERIOR IMPROVEMENTS TO CREATE A NEW MULTICULTURAL CENTER FOR STOCKTON UNIVERSITY, INCLUDING THE FOLLOWING CATEGORIES OF WORK:

- CIVIL WORK
- LANDSCAPE WORK
- ARCHITECTURAL WORK INCLUDING INTERIORS
- MISCELLANEOUS STRUCTURAL WORK
- MECHANICAL WORK
- ELECTRICAL WORK
- PLUMBING WORK
- FIRE PROTECTION WORK

OCA ARCHITECTS, INC.

Architecture | Interiors | Planning | Engineering



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Obi Agudosi NJ-AI 10159

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REV	DATE	DESCRIPTION
1	09-20-2021	ADDENDUM 1
0	08-01-2021	ISSUED FOR BID
0	08-16-2021	ISSUED FOR CONSTRUCTION PERMIT

DESIGN DELIVERABLE: CONSTRUCTION DOCUMENTS
ISSUE DATE: 08-16-2021
DRAWN BY: JC
CHECKED BY: GM

PROJECT NUMBER: P21-008

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:
T-1

SHEET #	SHEET NAME	ISSUED FOR CONSTRUCTION PERMIT	ISSUED FOR BID	ADDENDUM 1
GENERAL				
T-1	TITLE SHEET			
G-1.0	GENERAL NOTES			
G-1.1	LEGEND AND ABBREVIATIONS			
G-2.0	SUMMARY CODE DATA AND ANALYSIS			
G-2.1	LIFE SAFETY PLAN			
CIVIL				
C-0401	STORM UTILITY PLAN			
LANDSCAPE				
L-1	EXISTING SITE CONDITION			
L-2	SITE DEMOLITION PLAN			
L-3	LAYOUT AND MATERIAL PLAN			
L-4	SITE GRADING PLAN			
L-5	ENLARGED LAYOUT PLAN			
L-7	SITE LIGHTING PLAN			
L-8	SIGHT LIGHTING DETAILS			
L-9	PLANTING PLAN			
L-10	PLANTING DETAIL			
L-11	IRRIGATION PLAN			
L-12	SITE DETAILS			
ARCHITECTURAL				
D-1.0	DEMOLITION PLAN			
D-2.0	DEMOLITION RCP PLAN			
A-1.0	CONSTRUCTION PLAN			
A-2.0	REFLECTED CEILING PLANS			
A-3.0	EXISTING ROOF PLAN			
A-4.0	ENLARGED PLANS			
A-5.0	INTERIOR ELEVATIONS			
A-5.1	EXTERIOR ELEVATIONS & ENLARGED PLANS			
A-5.2	RENDERINGS			
A-5.3	RENDERINGS			
A-5.4	INTERIOR DETAILS			
A-5.5	INTERIOR DETAILS			
A-5.6	CEILING TRANSITION DETAILS			
A-5.7	INTERIOR DETAILS			
A-5.8	INTERIOR DETAILS			
A-9.0	PARTITION TYPES			
A-9.3	PARTITION TYPE DETAILS			
A-10.0	DOOR SCHEDULE			
A-12.0	FURNITURE PLAN			
A-12.1	FINISH PLANS			
A-12.11	FINISH SCHEDULE			
MECHANICAL				
DM-1.0	MECHANICAL PARTIAL FIRST FLOOR DEMOLITION PLAN			
DM-2.0	MECHANICAL PARTIAL ROOF DEMOLITION PLAN			
M-0.1	MECHANICAL DRAWING LIST, SYMBOLS AND SPECIFICATIONS			
M-1.0	MECHANICAL PARTIAL FIRST FLOOR NEW WORK PLAN			
M-1.1	MECHANICAL PARTIAL FIRST FLOOR NEW WORK PIPING PLAN			
M-2.0	MECHANICAL PARTIAL ROOF NEW WORK PLAN			
M-3.0	MECHANICAL SCHEDULES			
M-4.0	MECHANICAL DETAILS			
M-5.0	MECHANICAL DETAILS			
ELECTRICAL				
DE-1.0	ELECTRICAL DEMOLITION PLAN			
E-0.1	ELECTRICAL SYMBOLS, ABBREVIATIONS AND SYMBOLS			
E-1.0	ELECTRICAL NEW WORK FIRST FLOOR PLAN			
E-2.0	PARTIAL FIRST FLOOR LIGHTING PLAN			
E-3.0	ELECTRICAL EXTERIOR PLANS			
E-4.0	ELECTRICAL PARTIAL ROOF PLAN AND PANEL SCHEDULES			
E-6.0	ELECTRICAL DETAILS AND LIGHT FIXTURE SCHEDULE			
FIRE PROTECTION				
FA-1.0	FIRST FLOOR FIRE ALARM PLAN			
FA-2.0	FIRE ALARM PARTIAL ROOF PLAN			
FA-3.0	FIRE ALARM RISER, NOTES AND DETAILS			
PLUMBING				
P-0.1	PLUMBING LEGEND, ABBREVIATIONS & NOTES			
P-1.0	PARTIAL FIRST FLOOR PLUMBING PLANS			
P-2.0	PLUMBING RISER DIAGRAMS			
SPRINKLER				
SP-0.1	SPRINKLER LEGEND, ABBREVIATIONS & NOTES			
SP-1.0	PARTIAL FIRST FLOOR SPRINKLER PLAN			

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GENERAL NOTES:

- THE CONTRACTOR ARE RESPONSIBLE FOR ALL REQUIREMENTS OUTLINED IN THE I.B.C. CODE, STATE UNIFORM CONSTRUCTION CODE, MUNICIPAL CODES AND ORDINANCES, AND SHALL COMPLY WITH GOVERNING CODE AS ADMINISTERED BY MUNICIPAL BUILDING OFFICIALS AND SHALL BE CONSIDERED AS PART OF THESE CONSTRUCTION DOCUMENTS. WHERE DRAWINGS CONFLICT WITH CODES, CODE REQUIREMENTS SHALL TAKE PRECEDENCE.
- THE CONTRACTOR SHALL INVESTIGATE AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE ORDERING MATERIALS AND PREFABRICATED ITEMS. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, LABOR AND MATERIALS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK IN ACCORDANCE WITH THESE PLANS.
- ALL WORK SHALL BE DONE IN A FIRST-CLASS MANNER BY EXPERIENCED MECHANICS SKILLED IN THEIR TRADE.
- ALL CONTRACTORS SHALL CARRY INSURANCE AS WILL PROTECT THE OWNER FROM CLAIMS FOR DAMAGES AND PERSONAL INJURIES, INCLUDING DEATH, WHICH MAY ARISE IN CONNECTION WITH THIS PROJECT.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL LOCAL AND STATE PERMITS NEEDED FOR CONSTRUCTION AND COMPLETION OF PROJECT.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO KEEP THE SPACE SECURE AND LOCKED DURING ALL PHASES OF CONSTRUCTION.
- THE BUILDING AND SITE SHALL BE KEPT CLEAN AT ALL TIMES. AFTER COMPLETION OF THE WORK THE CONTRACTOR SHALL REMOVE ALL EXCESS MATERIALS, ALL TRASH AND DEBRIS CAUSED BY HIS WORK.
- WHEREVER IN THE SPECIFICATION MAKES REFERENCE TO FEDERAL OR COMMERCIAL STANDARDS OR SPECIFICATIONS IS MADE, THE LATEST AMENDMENT SHALL BE USED.
- ALL DIMENSIONS ARE MEASURED TO FINISH CONSTRUCTION UNLESS OTHERWISE NOTED.
- DRAWINGS ARE NOT TO BE SCALED, NOTIFY THIS OFFICE OF ANY DIMENSIONAL DISCREPANCIES.
- THE ARCHITECT WILL BE, IN THE FIRST INSTANCE, THE INTERPRETER OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE ARCHITECT WILL ALSO HAVE THE AUTHORITY TO REJECT WORK WHICH DOES NOT CONFORM TO THE CONTRACT DOCUMENTS.
- THESE DRAWINGS ARE INTENDED TO PROVIDE COMPLETE FABRICATION AND INSTALLATION OF ALL UNITS DESCRIBED, READY FOR THE OWNER'S USE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE OWNER'S ARCHITECT DURING THE BID PERIOD IF, IN HIS OPINION, ANY UNIT IS INCOMPLETE WITH THE INFORMATION GIVEN HEREIN. FAILURE TO SO NOTIFY THE ARCHITECT SHALL MEAN THE CONTRACTOR UNDERSTANDS THE DOCUMENTS AND THEIR INTENT, AND ALL ITEMS WILL BE COMPLETE IN EVERY DETAIL.
- THE ARCHITECT WILL MAKE PERIODIC VISITS TO THE SITE TO FAMILIARIZE HIMSELF GENERALLY WITH PROGRESS AND QUALITY OF THE WORK AND TO DETERMINE, IN GENERAL, IF THE WORK IS PROCEEDING IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. ON THE BASIS OF HIS ON-SITE OBSERVATION AS AN ARCHITECT, HE WILL KEEP THE OWNER INFORMED OF THE PROGRESS OF THE WORK AND WILL ENDEAVOR TO GUARD THE OWNER AGAINST DEFECTS AND RESPONSIBLE FOR CONSTRUCTION MEAN, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, SAFETY PRECAUTIONS, NOR FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- IT IS THE INTENT OF THESE PLANS TO PROVIDE A COMPLETE OPERATIONAL BUILDING. THE GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL ITEMS SHOWN HEREIN UNLESS SPECIFICALLY NOTED AS BEING FURNISHED BY OTHERS. SHOULD THERE BE ANY QUESTIONS CONCERNING RESPONSIBILITY, THEY SHALL BE SETTLED BEFORE BID SUBMISSION AND CONTRACT SIGNING. NO EXTRA CHARGES WILL BE ALLOWED. THE ARCHITECT WILL NOT BE RESPONSIBLE WHERE CONSTRUCTION DEVIATES FROM THESE DRAWINGS.
- ALL INSTALLATIONS AFTER CONSTRUCTION SHALL BE ACCURATELY FIELD MEASURED BEFORE FABRICATION.
- ANY FORM OF DIRECT REPRODUCTION OF THESE DRAWINGS AND DESIGN IN WHOLE OR PART IS PROHIBITED UNLESS AUTHORIZED IN WRITING BY ARCHITECTS.
- THE CONTRACTOR SHALL FULLY ACQUAINT HIMSELF WITH THE EXISTING CONDITIONS AND SHALL HAVE VISITED AND INSPECTED THE JOB SITE AND BE FULLY INFORMED AS TO THE NATURE OF EQUIPMENT THE JOB SITE BE FULLY INFORMED AS TO THE NATURE OF EQUIPMENT AND FACILITIES NEEDED FOR THE PROPER EXECUTION OF THE WORK. STARTING OF DEMOLITION AND REMOVAL OPERATIONS WILL BE CONSTRUED AS EVIDENCE THAT THE CONTRACTOR HAS COMPLIED WITH THESE REQUIREMENTS: ANY LATER CLAIMS FOR DIFFICULTIES ENCOUNTERED, WHICH COULD HAVE BEEN FORESEEN, WILL NOT BE RECOGNIZED.
- VERIFY ALL EXISTING ELEVATIONS, CONDITIONS AND DIMENSIONS AT THE SITE, AGAINST THE DRAWINGS, AND INFORM THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCING WITH WORK AND SUBMISSION OF ANY SHOP DRAWINGS.
- ALL WORK, WHETHER SHOWN OR IMPLIED, UNLESS SPECIFICALLY QUESTIONED, SHALL BE CONSIDERED FULLY UNDERSTOOD IN ALL RESPECTS BY THE CONTRACTOR. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY MISINTERPRETATIONS AND/OR CONSEQUENCES THEREOF, FOR ALL WORK ON ALL DRAWINGS.
- CONTRACTOR SHALL FOLLOW ACCEPTED TRADE PROCEDURES AND MANUFACTURER'S STANDARDS AND SHALL PRODUCE THE PROJECT IN A GOOD AND WORKMANLIKE MANNER. ALL MATERIALS ARE TO BE NEW, UNLESS OTHERWISE NOTED IN THE DRAWINGS: AND CONTRACTOR SHALL NOT SUBSTITUTE ANY STRUCTURAL GRADE MATERIALS WITHOUT PRIOR WRITTEN APPROVAL FROM THE ARCHITECT.
- CONTRACTOR SHALL SCHEDULE ALL WORK TO CONFORM TO THE GENERAL CONSTRUCTION SCHEDULE AND SHALL COOPERATE WITH OTHER CONTRACTORS IN THE REQUIRED SEQUENTIAL INSTALLATION SCHEDULE AS APPROVED BY THE ARCHITECT. ALL WORK SHALL COMMENCE AND CONTINUE UNTIL COMPLETION WITHOUT UNDUE DELAY.
- THE CONTRACTOR AND ALL RESPECTIVE TRADES SHALL GIVE THEIR PERSONAL SUPERINTENDENCE TO THE WORK AND SHALL FURNISH ALL LABOR, MATERIALS, TRANSPORTATION, APPARATUS AND EQUIPMENT REQUIRED FOR A COMPLETE INSTALLATION. THE CONTRACTORS SHALL INSTALL ALL MATERIALS IN A MANNER SUBJECT TO APPROVAL OF THE OWNER AND THE ARCHITECT.
- THE CONTRACTORS SHALL LEAVE THE PREMISES IN A NEAT, CLEAN AND SAFE CONDITION AT THE COMPLETION OF WORK EACH DAY.
- ALL CONDITIONS WHICH OCCUR AND WHICH ARE NOT IN CONFORMANCE WITH THESE SPECIFICATIONS AND ADJACENT DRAWINGS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT FOR PROMPT RESOLUTION. FAILURE TO DO SUCH SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- NO MATERIAL SUBSTITUTIONS SHALL BE MADE. THE ARCHITECT WILL CONSIDER MATERIAL CHANGE REQUESTS ON AN INDIVIDUAL BASIS. CONTRACTOR SHALL SUBMIT SAMPLES AND CUTS FOR WRITTEN APPROVAL BY THE ARCHITECT PRIOR TO THE START OF ANY WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF WORK AND ESTABLISHING SCHEDULES FOR ALL TRADES. HE SHALL AFFORD OTHER SUB-CONTRACTORS REASONABLE OPPORTUNITY FOR THE INTRODUCTION AND STORAGE OF THEIR MATERIALS AND EQUIPMENT AND THE EXECUTION OF THEIR WORK.
- ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE INSTALLED, CONNECTED, ERECTED, USED, CLEANED AND CONDITIONED AS DIRECTED BY THE MANUFACTURER, UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS.
- EACH SUBTRADE WILL BE RESPONSIBLE FOR REVIEWING THE ENTIRE SET OF DRAWINGS AND NOTING HIS WORK AS APPLICABLE. WORK INDICATED OR INFERRED ON THE DRAWINGS WILL BE DEEMED AND INCLUDED IN SUB-CONTRACTOR'S COSTS.
- THE CONTRACTOR SHALL SUBMIT, IN WRITING, ALL PROPOSALS FOR ADDITIONAL WORK TO THE ARCHITECT'S OFFICE FOR REVIEW AND APPROVAL. NO WORK IS TO PROCEED UNTIL A SIGNED PROPOSAL IS RETURNED TO THE GENERAL CONTRACTOR.
- PERMITS: THE CONTRACTOR WILL SECURE REQUIRED BUILDING PERMITS PRIOR TO START OF WORK. INDIVIDUAL SUBCONTRACTORS ARE TO SECURE NECESSARY PERMITS PRIOR TO START OF THEIR RESPECTIVE WORK.
- UPON COMPLETION OF THE JOB, THE CONTRACTOR SHALL SUBMIT CERTIFICATES OF INSPECTION AND A CERTIFICATE OF SUBSTANTIAL COMPLETION (A.I.A. DOCUMENT G-704).
- TEMPORARY PROTECTION: PARTICULAR ATTENTION SHALL BE GIVEN TO THE PROTECTION OF EXISTING STRUCTURE AND FINISHES SO AS TO PREVENT ANY DAMAGE OF EXISTING FINISHES NOT DESIGNATED FOR DEMOLITION. PROVIDE ALL NECESSARY TEMPORARY CONSTRUCTION AND DUSTPROOF PROTECTION. PROTECTIONS SHALL BE IN COMPLIANCE WITH BUILDING STANDARDS. TYPE AND LOCATION OF PROTECTION SHALL BE REVIEWED WITH OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO COMMENCING WORK. CONTRACTOR SHALL FULLY BRACE AND OTHERWISE PROTECT ALL WORK IN PROGRESS UNTIL THE BUILDING IS COMPLETED.
- PROVIDE FULL AND COMPLETE PROTECTION REQUIRED FOR ALL AREAS REMAINING OPERATIONAL DURING ALL PHASES OF THIS PROJECT. CONTRACTOR TO TAKE ALL NECESSARY MEASURES TO PREVENT DAMAGE TO ANY ADJACENT PROPERTY AND/OR PERSONS.; THE CONTRACTOR SHALL REPAIR AND PATCH ANY AREAS THAT ARE ALTERED OR DAMAGED DURING PROCESS OF ALTERATION.
- ANY EXISTING WORK DAMAGED BY THE CONTRACTOR OR SUB-CONTRACTORS SHALL BE RETURNED TO ITS ORIGINAL CONDITION AT THE CONCLUSION OF THE PROJECT, AT NO ADDITIONAL COST TO THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR & IT'S SUB-CONTRACTORS TO KEEP THE BUILDING WEATHERTIGHT AND MAINTAIN ALL BARRICADES, SHORING, BRACING AND OTHER SAFETY MEASURES REQUIRED TO PROTECT THE BUILDING, WORKMEN AND THE PUBLIC.
- CLEAN-UP: ALL MATERIALS DEMOLISHED, EXCEPT AS INDICATED ON THE DRAWINGS TO BE SALVAGED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED AND DISPOSED OF OFF THE SITE WITH SUCH DILIGENCE AS TO CAUSE NO INTERFERENCE WITH SUBSEQUENT BUILDING OPERATIONS, USE OF BUILDING BY OCCUPANTS OR ANY UNSIGHTLY ACCUMULATION OF DEBRIS CONSTRUCTION DEBRIS SHALL BE REMOVED DAILY.
- UPON COMPLETION OF ALL DEMOLITION AND REMOVAL WORK, REMOVE ALL TOOLS AND APPARATUS FROM THE PREMISES. REMOVE FROM THE AREA OF WORK ALL DEMOLISHED MATERIAL NOT DESIGNATED FOR RE-USE. REMOVE ALL TEMPORARY SHORING, BRACING, LINTELS PROTECTION, ETC., AS DIRECTED. LEAVE THE AREA OF WORK, BROOM-CLEAN, NEAT AND ORDERLY, TO THE SATISFACTION OF THE OWNER. STORAGE OF MATERIALS SHALL NOT INTERFERE WITH THE MEANS OF EGRESS OF THE EXISTING CORRIDOR SPACES.
- THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, A.I.A. DOCUMENT A-201, ARE INCLUDED AS A PART OF THE REQUIREMENTS OF THIS PROJECT. A COPY MAY BE INSPECTED AT THE ARCHITECT'S OFFICE.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR COMPREHENSIVE LIABILITY INSURANCE COVERING THE ENTIRE WORK AND COMPENSATION INSURANCE, IN ACCORDANCE WITH APPLICABLE CURRENT LAWS, PRIOR TO THE COMMENCEMENT OF THE WORK. THE SUB-CONTRACTOR SHALL SUBMIT TO THE CONTRACTOR COPIES OF ALL REQUIRED CERTIFICATES OF INSURANCE.
- SHOPS DRAWINGS: THE CONTRACTOR SHALL CHECK AND VERIFY ALL FIELD MEASUREMENTS AND SUBMIT, WITH PROMPTNESS, SHOP DRAWINGS, SAMPLES, MANUALS AND SCHEDULES REQUIRED FOR APPROVAL. THE ARCHITECT'S APPROVAL SHALL NOT RELIEVE THE CONTRACTOR FROM RESPONSIBILITY FOR DEVIATIONS AT THE TIME OF SUBMISSION, NOR SHALL IT RELIEVE HIM FROM RESPONSIBILITY FOR ERRORS IN SHOP DRAWINGS. THIS SHALL BE DONE PRIOR TO FABRICATION AND REVIEWED BY THE ARCHITECT.
- WHEN REQUIRED BY THE ARCHITECT, SHOP DRAWINGS OF FABRICATED WORK SHALL BE SUBMITTED. IF CORRECTIONS ARE REQUIRED, THIS PROCEDURE SHALL BE FOLLOWED FOR SUBSEQUENT SUBMISSIONS UNTIL FINAL APPROVAL.
- ALL SUBCONTRACTOR'S SHOP DRAWINGS SHALL BE SUBMITTED TO ARCHITECT FOR APPROVAL, THROUGH THE CONTRACTOR, PRIOR TO WORK BEING PERFORMED, UNLESS OTHERWISE NOTED. THE SHOP DRAWINGS SHALL BE REVIEWED BY THE CONTRACTOR AND VISIBLY INDICATED AS SUCH ON THE DRAWINGS, PRIOR TO SUBMISSION FOR THE ARCHITECT'S REVIEW.

- G.C. TO COORDINATE DELIVERY OF CASEWORK WITH SUB-CONTRACTOR WHERE CASEWORK IS BEING INSTALLED, ROOM SHALL BE SUBSTANTIALLY COMPLETED, TYP.
- APPROVALS: THE ARCHITECT WILL REVIEW SUBMITTAL WITH REASONABLE PROMPTNESS, SO AS TO CAUSE NO DELAY, BUT ONLY FOR CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. NO PORTION OF THE WORK REQUIRING A SUBMISSION SHALL BE COMMENCED BY THE CONTRACTOR, UNTIL THE SUBMISSION HAS BEEN REVIEWED AND NOTED BY THE ARCHITECT IN WRITING. ALL SUCH PORTIONS OF THE WORK SHALL BE IN CONTRACT DOCUMENTS, WHENEVER A CHOICE OF COLOR OR PATTERN IS CONTRACTOR'S OWN RISK.
- ALL COLOR SELECTIONS SHALL BE MADE AND COORDINATED THROUGH THE OFFICE OF THE ARCHITECT, EXCEPT AS OTHERWISE DIRECTED BY THE OWNER. COLOR: UNLESS THE PRECISE COLOR AND PATTERN IS SPECIFICALLY DESCRIBED IN THE CONTRACT DOCUMENTS, WHENEVER A CHOICE OF COLOR OR PATTERN IS AVAILABLE IN A SPECIFIED PRODUCT, SUBMIT ACCURATE COLOR CHARTS AND PATTERN CHARTS TO THE ARCHITECT FOR HIS REVIEW AND SELECTION.
- THE GENERAL CONTRACTOR SHALL SUBMIT FINAL "AS BUILT" DRAWINGS - TWO (2) PRINTS OF EACH TRADE AS PART OF THE CONTRACT.
- THE CONTRACTOR SHALL SUBMIT THE SAMPLES IN SUFFICIENT TIME TO PERMIT CHECKING, RESUBMISSION, RECHECKING, APPROVAL FABRICATION AND DELIVERY. FAILURE TO DO SO WILL NOT JUSTIFY A DELAY IN THE TIME OF COMPLETION OF WORK.
- DETAILS SHOWN IN ANY SECTION APPLY TO ALL SIMILAR SECTIONS UNLESS OTHERWISE NOTED.
- WHEN CERTAIN ITEMS OF EQUIPMENT AND OTHER WORK ARE INDICATED AS "NIC" (NOT IN CONTRACT) OR TO BE FURNISHED AND INSTALLED UNDER OTHER CONTRACTS, ANY REQUIREMENTS FOR PREPARATION OF OPENINGS, PROVISION OF BACKING, ETC., FOR RECEIPT OF SUCH "NIC" WORK, SHALL BE PROVIDED TO THE GENERAL CONTRACTOR, WHO SHALL PROPERLY FORM AND OTHERWISE PREPARE HIS WORK IN A SATISFACTORY MANNER TO RECEIVE SUCH "NIC" WORK.
- UPON WRITTEN REQUEST OF CONTRACTOR, THE OWNER WILL FURNISH TO THE GENERAL CONTRACTOR A SCHEDULE INDICATING DELIVERY DATES AND INSTALLATION REQUIREMENTS OF EQUIPMENT TO BE FURNISHED AND INSTALLED UNDER SEPARATE CONTRACTS.
- IT WILL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO SEE THAT THE BUILDING AREAS ARE MADE READY TO RECEIVE AND INSTALL THE OWNER'S EQUIPMENT, IN ACCORDANCE WITH THE DELIVERY SCHEDULE AND SPECIFIC REQUIREMENTS FURNISHED. FAILURE TO MEET THE SCHEDULE ON ITEMS OF THE OWNER-FURNISHED EQUIPMENT WILL BE CONSIDERED AS IMPORTANT TO THE COMPLETION SCHEDULE AS ANY OTHER PART OF THE WORK.
- ALL OPENINGS IN PARTITIONS OR BLOCK WALLS INCLUDING, BUT NOT LIMITED TO, DUCTWORK, PENETRATIONS, DOOR OPENINGS, ETC. SHALL BE SUPPORTED BY STEEL LINTEL UNLESS OTHERWISE INDICATED. CONTRACTOR IS TO FURNISH AND INSTALL ALL ANGLES, STRUTS, BRACKETS, TOGGLES, EYE BOLTS, ETC. WHEREVER NECESSARY TO PROPERLY SUPPORT, BRACE OR REINFORCE ALL FINISHES, FRAMES, EQUIPMENT, ETC.
- SEE PLANS FOR LOCATIONS OF ALL EXPANSION AND CONTROL JOINTS. PROVIDE EXPANSION JOINT COVERS (RECESSED) AT ALL FLOOR, WALL AND CEILING CONNECTIONS TO EXISTING CONSTRUCTION TO CONTROL JOINTS/FINISH CRACKING PROVIDE CONTINUOUS EXPANSION CONTROL AT STRUCTURE AND BUILDING FINISHES. SEE PLANS FOR WIDTH/TYPE.
- ALL BLOCK AND ADJACENT RATED WALL CONSTRUCTION SHALL MEET THE FIRE RESISTIVE RATINGS AND OTHER REQUIREMENTS OF BUILDING CODE AND REGULATIONS, LOCAL LAWS, ORDINANCES, REGULATIONS AND AUTHORITIES HAVING JURISDICTION.
- ALL CUTTING AND PATCHING OF OPENINGS SHALL BE POINTED UP, AND SURFACE REPAIRED FOR AN AIRTIGHT SEAL. ALL EXISTING WALL FINISHES OR PARTITIONS, WHICH ARE DISTURBED DURING CONSTRUCTION AND PROVIDED NOT TO BE NECESSARY AND NOT BE SPECIFICALLY INDICATED "TO REMAIN", SHALL BE REMOVED, PATCHED, REPAIRED OR COVERED. EITHER AS INDICATED ON THE PLANS OR TO CREATE A FLUSH, UNIFORM SURFACE HAVING THE INTEGRITY OF SUCH.
- ALL SUBSTRATES SHALL BE PREP AS PER FINISH MANUFACTURER SPECIFICATIONS, TYP.
- ENTIRE EXPOSED CONCRETE SLAB SHALL RECEIVE SKIM COAT PER FINISH MANUFACTURES SPECS.
- ALIGNMENT OF NEW CONSTRUCTION TO EXISTING WALLS AND COLUMNS SHALL BE DONE IN A MANNER AS TO VISIBLY ELIMINATE THE POINT OF CONTACT OR JOINT OF NEW AND EXISTING MATERIALS. NEW CONSTRUCTION SHALL BE FLUSHED WITH EXISTING.
- ALL WOOD PRODUCTS, FURRING STRIPS, BLOCKING ETC., SHALL BE FIRE RATED, IN ACCORDANCE WITH APPLICABLE STATE, CITY AND LOCAL BUILDING CODES.
- PARTITIONS SHALL BE CONTINUOUS OVER ALL BUILT-IN EQUIPMENT, WHERE SHOWN ON PLANS AND DETAILS. FURNISH NECESSARY ANGLES, HANGERS, ETC. TO CARRY THESE PARTITIONS AND PROVIDE NECESSARY CLOSURE STRIPS AND TRIM AS NOTED.
- PATCH ALL FLOOR AND WALL CRACKS AND SURFACE IRREGULARITIES AS REQUIRED, PRIOR TO FINISH INSTALLATION SHOWN. FLASH PATCH AREAS AS REQUIRED TO PROVIDE A SMOOTH FLUSH SURFACE FOR SAME.
- ALL NEW PIPING, DUCTWORK, AND ELECTRICAL CONDUITS SHALL BE CONCEALED WITHIN NEW PARTITIONS. OR THE GENERAL CONTRACTOR IS TO PROVIDE FURRING, SOFFITS, CHASES, ETC., FOR ALL DUCTWORK, PIPING, CONDUIT, ETC., UNLESS INDICATED TO BE EXPOSED.
- ALL INFILL PATCHING SHALL BE FURRED OUT AS REQUIRED AND FINISHED FLUSH WITH EXISTING.
- THE GENERAL CONTRACTOR SHALL PATCH ALL CUTTING BY MECHANICAL AND ELECTRICAL TRADES AND ALL ADDITIONAL CUTTING BY OTHERS. COORDINATE THE WORK PRIOR TO THESE TRADES PROCEEDING. NO EXTRAS WILL BE ALLOWED. DUE TO FAILURE TO COORDINATE SUCH, OR PROCEEDING WITH WORK THAT COULD HAVE BEEN AVOID WITH SUCH/PROPER PLANNING, REQUIRED.
- ALL PIPE SPACES AND DUCT SPACES SHALL BE ENCLOSED AND FIRE STOPPED BY A PARTITION OF THE REQUIRED RATING.
- ANY COLUMN OR BEAM FIREPROOFING WHICH IS DAMAGED, LOOSE OR HAS CHIPPED-OFF, SHALL BE REPLACED PRIOR TO THE ENCLOSURE OF ANY COLUMNS TO MAINTAIN THE FIRE INTEGRITY OF SUCH.
- HEAT DETECTORS ARE TO BE PROVIDED WHERE SHOWN AND INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S ACTUAL INSTRUCTIONS AND APPLICABLE CODE(S).
- FIRE ALARM AND EMERGENCY LIGHTING ARE TO BE PROVIDED, MEETING ALL CODE REQUIREMENTS. ALL EXIT AREAS SHALL BE PROPERLY IDENTIFIED AND SUPPLIED WITH EMERGENCY EXIT LIGHTING TO MAINTAIN A MINIMUM OF ONE (1) FOOTCANDLE IN ACCORDANCE WITH LOCAL CODE.
- CONTRACTOR IS TO LOCATE AND COORDINATE EGRESS DOOR HARDWARE WITH ALARM SYSTEM AND MAKE ALL NECESSARY CONNECTIONS. REWIRE AS REQUIRED.
- ALL RATED DOORS ARE TO BE EQUIPPED WITH AN AUTOMATIC SELF-CLOSER AND BE UL LABELED PER REQUIREMENTS OF RATED WALL.
- THE ELECTRICAL OUTLETS AND PLUMBING SHOWN ON THE ARCHITECTURAL DRAWING ARE ONLY THOSE WHICH HELP TO CLARIFY THE SUGGESTED FUNCTIONAL PATTERNS OF THE ROOMS. IN ALL CASES, THE CONTRACTOR SHALL REFER TO THE MECHANICAL AND ELECTRICAL DRAWINGS FOR THE COMPLETE LAYOUT OF EACH RESPECTIVE SERVICE. IN ALL CASES, OR IN THE EVENT OF A CONFLICT, THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE.
- PROVIDE NEW ELECTRICAL WIRING/LIGHTING AS CLOSE AS POSSIBLE TO LAYOUTS SHOWN ON PLANS, UNLESS OTHERWISE DIRECTED BY ARCHITECT. ELECTRICAL WIRING AND DEVICES TO MEET ALL CODE REQUIREMENTS. SUB-CONTRACTOR TO PROVIDE ALL HOOKUPS TO EXISTING, AS REQUIRED AFTER VERIFYING IF MAIN SERVICE IS SUFFICIENT TO CARRY INCREASED LOAD. REPLACE AS REQUIRED AND/OR UPGRADE IF NOT ADEQUATE.
- COORDINATE NEW CONSTRUCTION WITH ALL REQUIRED MECHANICAL DUCTWORK AND PIPE PENETRATIONS. PROVIDE THROUGH WALL SLEEVES AS REQUIRED, TYPICAL ALL LOCATIONS. PENETRATING SUB-CONTRACTOR TO PROVIDE SHEET METAL SLEEVE WITH THERMO FIBER AND FIRE RATED CAULK SYSTEM.
- ALL HVAC, ELECTRICAL AND PLUMBING EQUIPMENT UNCOVERED DURING DEMOLITION THAT IS NOT SHOWN TIED INTO NEW CONSTRUCTION OR TO RELOCATED UNITS, IS TO BE "CAPPED OFF", COVERED AND LOCATION NOTED FOR FUTURE USE, OR REMOVED WHERE NO FUTURE USE IS INTENDED.
- CEILING SUB-CONTRACTOR SHALL SUBMIT REFLECTED CEILING PLANS FOR ALL AREAS. PLANS SHALL INDICATE CEILING TILE GRID, CEILING DIFFUSERS, ELECTRICAL LIGHTING FIXTURES, STARTING POINTS, ETC. CAULK JOINTS AT VERTICAL INTERSECTIONS TO ALLOW FOR A CLEAN SHARP APPEARANCE.
- ELECTRICAL SUBCONTRACTOR SHALL SUBMIT CATALOG CUTS OF ALL FIXTURES TO ARCHITECT FOR APPROVAL OF COLOR AND STYLE.
- FLOOR DRAINS INDICATED ON PLUMBING DRAWINGS TAKE PRECEDENCE OVER THOSE INDICATED ON ARCHITECTURAL PLANS. NOTIFY ARCHITECT OF CONFLICT, IF ANY, PRIOR TO PROCEEDING.
- PROVIDE ACCESS TO EXISTING ELECTRICAL AND TELEPHONE PANELS WHERE REQUIRED.
- NEW WORK IS TO MEET OR EXCEED ALL APPLICABLE NATIONAL AND LOCAL CODE FOR ENERGY, ELECTRICAL, PLUMBING, MECHANICAL, AND FIRE, OSHA (WHERE APPLICABLE), AND ALL UL REQUIREMENTS. THE MOST RECENT PUBLICATION DATE OF ALL AFOREMENTIONED CODES SHALL APPLY.
- HANDICAP NOTE: THE REQUIREMENTS OF THE "BARRIER-FREE SUBCODE" SHALL BE STRICTLY ADHERED TO.
- GUARANTEES: ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF FINAL ACCEPTANCE, UNLESS SPECIFIED OTHERWISE FOR A LONGER PERIOD OF TIME FOR SPECIFIC ITEMS. EACH SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCIDENTAL THERETO. INCLUDING DAMAGE TO OTHER WORK, FURNISHINGS OR EQUIPMENT IF THE SUB-CONTRACTOR, AFTER NOTICE IN WRITING FROM THE GENERAL CONTRACTOR AND ARCHITECT, FAILS TO PROCEED PROMPTLY TO COMPLY WITH THE TERMS OF THE GUARANTEE. THE GENERAL CONTRACTOR MAY HAVE THE DEFECTS CORRECTED AND THE SUB-CONTRACTOR WILL BE RESPONSIBLE FOR ALL EXPENSES INCURRED.
- THESE DRAWINGS ARE FOR COORDINATION PURPOSES AND ARE TO BE USED IN CONJUNCTION WITH THE STRUCTURAL PLANS AND BUILDING SYSTEMS MANUFACTURERS' DETAILS/SHOP DRAWINGS. COORDINATE THESE SYSTEMS PRIOR TO COMMENCEMENT OF ANY WORK.
- AUDIOVISUAL EQUIPMENT: GENERAL CONTRACTOR TO PROVIDE AND INSTALL FRONT PROJECTION SCREEN AND OVERHEAD PROJECTOR BRACKET AND ALL REQUIRED STRUCTURAL WORK, WALL OR CEILING OPENING, ROUGH AND FINISHED TRIM, PAINTING, PATCHING, CONDUIT, RACEWAYS, POWER WIRING, WIRING OF ELECTRICAL PROJECTION SCREENS AND RECEPTACLES FOR EQUIPMENT.
- ALL CEILING (I.E. LIGHTING, SUSPENDED CEILING, DUCTS, DIFFUSERS, FIRE ALARM DETECTION DEVICES, ETC.) SHALL BE COORDINATED BY THE GC AS TO EXACT LOCATIONS, HEIGHTS, ETC. NO ONE SYSTEM SHALL INTERFERE WITH ANOTHER SYSTEM IN THE COMPLETED CEILING SYSTEM. THE GC SHALL NOTIFY THE AVE OF ANY CONFLICTS PRIOR TO THE INSTALLATION OF ANY COMPONENT.
- A CONTRACTOR MAKING A BID FOR WORK ON THIS PROJECT IS MADE AWARE BY THIS NOTE THAT IT IS THE INTENT OF THE OWNER TO HAVE A COMPLETELY INSTALLED JOB. THE CONTRACTOR MAKING A BID FOR THIS PROJECT SHALL BE RESPONSIBLE FOR PROVIDING ALL INFORMATION ON ANY PROJECT DRAWINGS OR SPECIFICATIONS AND NOT JUST THOSE COMMONLY REFERRED TO AS A SINGLE TRADE DRAWING UNLESS SPECIFICALLY IDENTIFIED ELSEWHERE AS WORK OF OTHER TRADES. WHERE EQUIPMENT REQUIRING WIRING IS SPECIFIED OR SHOWN ON SHOP DRAWINGS SUBMITTED LATER, THE CONTRACTOR CAN AND SHALL REQUEST DIRECTION REGARDING CIRCUIT SIZING PROTECTION AND ROUTING WHERE NECESSARY BUT SHALL UNDERSTAND ALL NECESSARY WORK TO COMPLETE THE INSTALLATION SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER OF THE PROJECT.

- ACCEPTANCE OF BID WILL BE CONSTRUED AS EVIDENCE THAT THE SUB-CONTRACTOR HAS COMPLIED WITH ALL REQUIREMENTS STATED ABOVE.
- ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION, AND THE BEST TRADE PRACTICES.
- BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL REQUIRED INSURANCE CERTIFICATES WITH THE DEPARTMENT OF BUILDING, OBTAIN ALL REQUIRED PERMITS, AND PAY ALL FEES REQUIRED BY LOCAL JURISDICTION.
- G.C. TO PROVIDE AND MAINTAIN THE MINIMUM 1'-6" PULL-SIDE CLEARANCE REQUIRED BY CODE DURING CONSTRUCTION FOR ALL DOORS WITHIN THE AREA OF WORK.
- G.C. TO PROVIDE NEW FIRESTOPPING FOR ALL EXISTING VERTICAL AND HORIZONTAL PENETRATIONS WITHIN THE AREA OF WORK.
- G.C. TO SUBMIT CUT SHEETS AND SAMPLES OF ALL SPECIFIED FINISHES AND PRODUCT TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING AND FABRICATION, TYP.
- G.C. TO SUPPLY TRANSITION STRIP AT ALL LOCATIONS WHERE FLOORING FINISH CHANGES. ALL TRANSITION STRIPS ARE TO BE APPROVED BY ARCHITECT PRIOR TO ORDERING.
- ALL FINISHES TO BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.
- REFERENCE REFLECTED CEILING PLANS FOR LIGHTING INFORMATION AND COORDINATION.
- ALL WALLS THROUGHOUT TO RECEIVE (1) COAT OF PRIMER AND (2) COATS OF SPECIFIED PAINT. REFERENCE FINISH SCHEDULE FOR MORE INFORMATION.
- ALL FLOORING MATERIAL TO RUN UNDER MILLWORK ITEMS, UNLESS NOTED OTHERWISE.
- ALL CARPET TO BE INSTALLED AS PER FINISH SCHEDULE. COORDINATE WITH ARCHITECT FOR START POINT AND DIRECTION PRIOR TO INSTALLATION.
- AT ANY EDGE WHERE RAW TILE IS EXPOSED, G.C. TO INSTALL METAL TRANSITION STRIP. SEE FINISH SCHEDULE FOR MORE INFORMATION.
- ALL VINYL COMPOSITION TILE (VCT) TO BE INSTALLED IN THE SAME DIRECTION.
- G.C. TO COORDINATE ALL APPLIANCES WITH MILLWORK PRIOR TO ORDER AND SHOP DRAWINGS. REFERENCE APPLIANCE SCHEDULE FOR MORE INFORMATION.
- VERIFY FINAL LOCATION OF ALL LIGHT FIXTURES
- PIPING RUNS ARE FOR DESIGN PURPOSES. G.C. TO VERIFY EXTERIOR CONDITIONS TO FIND MOST SUITABLE ROUTES WHILE MAINTAINING CODE COMPLIANT PITCH AND INVERT.
- G.C. IS TO FIRE PROOF ALL PENETRATIONS THROUGH CORRIDOR WALLS AND FLOORS DUE TO PIPING, CONDUIT, DUCTWORK, ETC. PROVIDE RATING AS REQUIRED, TYP.
- G.C. TO PATCH, REPAIR, AND PREPARE ALL DAMAGED OR UNLEVEL FLOOR AREAS TO RECEIVE NEW FLOOR FINISH. COORDINATE TREATMENT OF EXISTING SURFACE WITH FINAL FINISH. REFERENCE INTERIOR ELEVATIONS AND FINISH SCHEDULE FOR MORE INFORMATION.
- REFER TO DEMOLITION PLANS FOR LOCATIONS OF CONCRETE FLOOR REPAIR / FILL-IN.
- STAGING AREAS FOR DEMOLITION AND DEBRIS REMOVAL SHALL BE COORDINATED WITH THE OWNER.
- CONSTRUCTION OPERATIONS WILL NOT INVOLVE THE INTERRUPTION OF LIFE SAFETY OR FIRE SAFETY SERVICES TO THE BUILDING UNLESS NOTIFICATION IS MADE TO THE OWNER AND ALL THE LOCAL GOVERNING AUTHORITIES.
- G.C. TO VERIFY / COORDINATE ALL DIMENSIONS AND PENETRATION LOCATIONS IN EXISTING AND NEW SPACES WITH LOCATIONS OF EQUIPMENT. CONTRACTOR TO NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- SIZE AND HEIGHT OF ROOF PROJECTIONS VARY. VERIFY IN FIELD TYP.
- ALL JOINTS BETWEEN DISSIMILAR MATERIALS SHALL BE CAULKED WHERE REQUIRED PROVIDE CLOSED CELL BACKER ROD AND CAULK WHERE DISSIMILAR MATERIALS COME INTO DIRECT CONTACT WITH EACH OTHER, PROVIDE A BOND BREAK.
- ALL BLOCKING TO BE FIRE RETARDANT WOOD BLOCKING, TYP.
- THE CONTRACTORS SHALL FOLLOW ACCEPTED TRADE PROCEDURES AND MANUFACTURER'S STANDARDS AND SHALL PRODUCE THE PROJECT IN A GOOD AND WORKMANLIKE MANNER. ALL MATERIALS ARE TO BE NEW UNLESS OTHERWISE NOTED IN THE DRAWINGS. THE CONTRACTOR SHALL NOT SUBSTITUTE ANY STRUCTURAL GRADE MATERIALS WITHOUT PRIOR WRITTEN APPROVAL FROM THE ARCHITECT.
- ALL TAGGED DETAILS ARE TYPICAL FOR THE ITEM OR SYSTEM INDICATED. THE SCOPE OF WORK INDICATED AS PART OF THE TAG OR DETAIL MARK SHALL APPLY TO ALL OTHER SIMILAR SYMBOLS OR ITEMS.
- THE TERM "TYP." FOLLOWING A NOTE, TAG, OR DETAIL FLAG INDICATES THAT ALL LIKE, SIMILAR, OR INDICATED ITEMS SHALL BE PROVIDED WITH THE SPECIFIED DETAIL, NOTE, OR SPECIFICATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL NECESSARY REPAIRS, MODIFICATIONS, ETC., IN ORDER TO REINSTALL ALL EQUIPMENT, VENTS, AIR-HANDLING UNITS, EXHAUST FANS, ETC. IN A WATERTIGHT CONDITION. THE OWNER SHALL TEST ALL EQUIPMENT PRIOR TO SUBSTANTIAL COMPLETION TO VERIFY WATERTIGHT CONDITIONS EXIST.
- ALL WORK, WHETHER SHOWN OR IMPLIED, UNLESS SPECIFICALLY QUESTIONED, SHALL BE CONSIDERED FULLY UNDERSTOOD IN ALL RESPECTS BY THE CONTRACTOR. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY MISINTERPRETATIONS AND/OR CONSEQUENCES THEREOF, FOR ALL WORK ON ALL DRAWINGS.
- ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE SUPPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED AND CONDITIONED AS DIRECTED BY THE MANUFACTURER, UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS.

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1	09-20-2021	ADDENDUM 1
0	09-01-2021	ISSUED FOR BID
	08-16-2021	ISSUED FOR CONSTRUCTION PERMIT

REV.	DATE	DESCRIPTION
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DESIGN DELIVERABLE: CONSTRUCTION DOCUMENTS

ISSUE DATE: 08-16-2021

DRAWN BY: JC

CHECKED BY: GM

PROJECT NUMBER:

P21-008

SHEET TITLE:

GENERAL NOTES

SHEET NUMBER:

G-1.0

SUMMARY OF CODE DATA

- Construction Code Regulations: New Jersey Uniform Construction Code (N.J.A.C. 5:23), incorporating with amendments the following Subcodes:
- a. **Building Subcode:** International Building Code **2018**/New Jersey Edition of the International Code Council, Inc., including technical standards of ICC/ANSI A117.1-**2009**.
 - b. **Plumbing Subcode:** National Standard Plumbing Code/**2018** of the Plumbing-Heating-Cooling Contractors -- National Association.
 - c. **Electrical Subcode:** National Electric Code/**2017** of the National Fire Protection Association.
 - d. **Fire Protection Subcode:** Portions of International Building Code/**2018**; portions of National Electric Code/**2017**; portions of International Mechanical Code/**2018**; portions of International Fuel Gas Code/**2018**.
 - e. **Energy Subcode:** International Energy Conservation Code/**2018** of the International Code Council, Inc. and ASHRAE 90.1-**2016** of the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
 - f. **Mechanical Subcode:** International Mechanical Code/**2018** of the International Code Council, Inc.
 - g. **Fuel Gas Subcode:** International Fuel Gas Code/**2018** of the International Code Council, Inc.
 - h. **Barrier-Free Subcode:** N.J.A.C. 5:23-7.1 et seq.
 - i. **Rehabilitation Subcode:** N.J.A.C 5:23-6.1 et seq.

EXISTING BUILDING DATA

Existing Building Use: Group B (Business)
Existing Construction Type: IIB, Noncombustible, Unprotected
Existing Building Height: 3 Stories
Existing Fire Protection and Life Safety Systems:
Automatic Sprinkler Systems: Provided
Standpipe Systems: Provided
Automatic Fire Alarm Systems: Provided
Automatic Fire Detection Systems: Provided
Emergency Power Systems: Provided

REHABILITATION SUBCODE DATA

Proposed Project Uses:
Group B, Business (Unchanged)
Group A-3, Assembly (Partial Change of Use)
Proposed Project Area: 12,065 Square Feet
Proposed Occupant Load:
Multicultural Center: 162 Persons
Future Office Area: 17 Persons

Categories of Work:
Multicultural Center: Alterations
Multipurpose Room: Partial Change of Use
Future Office Area: Alterations
Other Existing Classroom and Corridor Areas:
Alterations (above ceiling)
Ceiling replacement

BUILDING SUBCODE DATA

Fire-Resistance-Rated Construction

Penetrations of Fire Barriers (Section 714): Through-penetration firestop systems required in horizontal and vertical assemblies.

Joints Installed in Fire Barriers (Section 715): Fire-resistant joint systems required in horizontal and vertical assemblies.

Opening Protectives (Section 716): Fire doors, fire shutters, fire windows, fire dampers, or fire-protection-rated glazing required at all openings in fire barriers.

Corridor Construction (Table 1020.1): Fire-resistance-rated construction not required.
Corridor ceilings (Section 1020.5.1): Return air plenums permitted above corridor ceilings for the following:
Corridors that are not required to be fire-resistance-rated construction; or
Automatic shut-down of air-handling system serving the corridor by activation of air-handling unit smoke detectors or detection of sprinkler waterflow.

Interior Wall and Ceiling Finishes (Section 803 and Table 803.13): Minimum fire performance required:
Business Group B (Sprinklered):
Corridors: Class C.
Rooms and enclosed spaces: Class C.
Typically, Class A materials will be provided.
Assembly Group A-3 (Sprinklered):
Corridors: Class B.
Rooms and enclosed spaces: Class C.
Typically, Class A materials will be provided.

Interior Floor Finishes (Section 804): Minimum fire performance required:
Business Group B (Sprinklered):
Corridors: DOC FF-1, Pill Test.
Rooms and enclosed spaces: DOC FF-1, pill test.
Typically, Class I materials will be provided.
Assembly Group A-3 (Sprinklered):
Corridors: DOC FF-1, Pill Test.
Rooms and enclosed spaces: DOC FF-1, pill test.
Typically, Class I materials will be provided.

ACCESSIBLE DESIGN REQUIREMENTS

All building facilities within the scope of the Project including the following design elements:

Accessible route or path of travel (exterior and interior).
Building entrances and exits.
Doors.
Assembly areas.
Pantry areas.
Drinking facilities.
Seating, tables and work surfaces.
Controls and operating mechanisms.
Signage.

TABLE OF FIRE-RESISTANCE RATINGS FOR EXISTING BUILDING ELEMENTS (IN HOURS)

BASED ON 2018 INTERNATIONAL BUILDING CODE/NJ EDITION: TABLE 601 FOR CONSTRUCTION TYPE IIB AND FULLY SPRINKLERED OCCUPANCY GROUP B (BUSINESS) AND GROUP A-3 (ASSEMBLY)

NA (NOT APPLICABLE)		NR (NOT REQUIRED)
BUILDING ELEMENT	REQUIRED RATING	NOTES
PRIMARY STRUCTURAL FRAME	0	
BEARING WALLS, EXTERIOR	0	NOT LESS THAN THE FIRE-RESISTANCE RATING BASED ON FIRE SEPARATION DISTANCE
BEARING WALLS, INTERIOR	0	
NONBEARING WALLS AND PARTITIONS, EXTERIOR		NOT LESS THAN THE FIRE-RESISTANCE RATING BASED ON FIRE SEPARATION DISTANCE
NONBEARING WALLS AND PARTITIONS, INTERIOR	0	
FLOOR CONSTRUCTION AND SECONDARY MEMBERS	0	
ROOF CONSTRUCTION AND SECONDARY MEMBERS	0	
FIRE WALLS	2	TABLE 706.4
FIRE BARRIERS: FIRE AREA SEPARATIONS	2	TABLE 707.3.10
FIRE BARRIERS: SEPARATION OF OCCUPANCIES (MIXED USE SEPARATIONS)	1	TABLE 508.4
FIRE BARRIERS: SEPARATION OF ACCESSORY OCCUPANCIES	0	SECTION 508.2.4
FIRE BARRIERS (INCIDENTAL ACCESSORY OCCUPANCIES)		REFER TO TABLE 509
FIRE BARRIERS (BUILDING AREA SEPARATIONS): HORIZONTAL EXITS	2	SECTION 1026
FIRE BARRIERS: VERTICAL EXIT ENCLOSURES	1	LESS THAN 4 STORIES (SECTION 1023.2)
FIRE BARRIERS: EXIT PASSAGEWAYS	1	NOT LESS THAN FIRE-RESISTANCE RATING OF THE CONNECTING EXIT ENCLOSURE (SECTION 1024.3)
FIRE BARRIERS: MECHANICAL AND SERVICE SHAFTS	1	LESS THAN 4 STORIES (SECTION 713.4)
FIRE BARRIERS: ELEVATOR HOISTWAYS	1	LESS THAN 4 STORIES (SECTION 713.4)
SMOKE BARRIERS	NA	
SMOKEPROOF ENCLOSURES (VERTICAL EXIT ENCLOSURES)	NA	
FIRE BARRIERS: ATRIUM ENCLOSURES	NA	
FIRE PARTITIONS: EXIT ACCESS CORRIDORS	0	TABLE 1020.1
CONSTRUCTION SUPPORTING WALLS		NOT LESS THAN FIRE-RESISTANCE RATING OF WALL SUPPORTED
OPENING PROTECTIVES IN FIRE WALLS AND FIRE BARRIERS (FIRE DOOR AND FIRE SHUTTER ASSEMBLIES)		REFER TO TABLE 716.1(2)
OPENING PROTECTIVES IN FIRE WALLS AND FIRE BARRIERS (FIRE WINDOWS)		REFER TO TABLE 716.1(3)
OPENING PROTECTIVES IN FIRE WALLS AND FIRE BARRIERS (FIRE DAMPERS)		REFER TO TABLE 717.3.2.1
FIRE-RESISTANT JOINT SYSTEMS		NOT LESS THAN FIRE-RESISTANCE RATING OF THE WALL, FLOOR, FLOOR/CEILING ASSEMBLY, ROOF OR ROOF/CEILING ASSEMBLY (SECTION 715.1)
PENETRATIONS IN FIRE-RESISTANCE-RATED WALLS		F-RATING NOT LESS THAN THE FIRE-RESISTANCE RATING OF THE WALL PENETRATED (SECTION 714.4.1.2)
PENETRATIONS IN FIRE-RESISTANCE-RATED HORIZONTAL ASSEMBLIES		F-RATING/T-RATING NOT LESS THAN THE FIRE-RESISTANCE RATING OF THE HORIZONTAL ASSEMBLY PENETRATED (SECTION 714.5.1.2)

EGRESS

Egress Data

Proposed Occupant Load:
Multicultural Center: 162 Persons
Future Office Area: 17 Persons

Minimum Number of Exits:
Occupant Load 500 or Less (Table 1006.3.2): 2 exits required.

Maximum Length of Exit Access Travel (Table 1017.2):
Business Group B: 300 feet.
Assembly Group A-3: 250 feet.

Maximum Length of Dead End Travel (Section 1020.4):
Business Group B: 50 feet.
Assembly Group A-3: 20 feet.

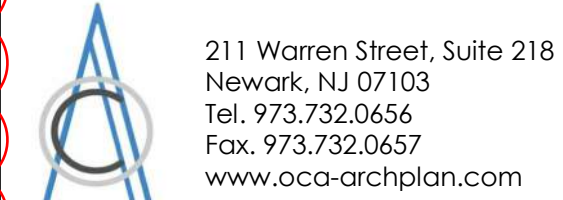
Spaces with One Exit or Exit Access Doorway (Table 1006.2.1):
Business Group B:
Maximum Occupant Load: 49 occupants.
or
Maximum Common Path of Egress Travel: 100 Feet.
Assembly Group A-3:
Maximum Occupant Load: 49 occupants.
or
Maximum Common Path of Egress Travel: 75 Feet.

Exit Signage:
Arrangement (Section 1013.1):
Placement such that no point in the exit access exceeds 100 feet viewing distance. Signs shall be illuminated at all times.
Internally Illuminated Signage (1013.5):
Electrically powered, self-luminous or photoluminescent type required.
Externally Illuminated signage (Section 1013.6):
Intensity: 5 foot candles, minimum.
Power source: Continued illumination for not less than 90 minutes in the event of primary power failure (battery).



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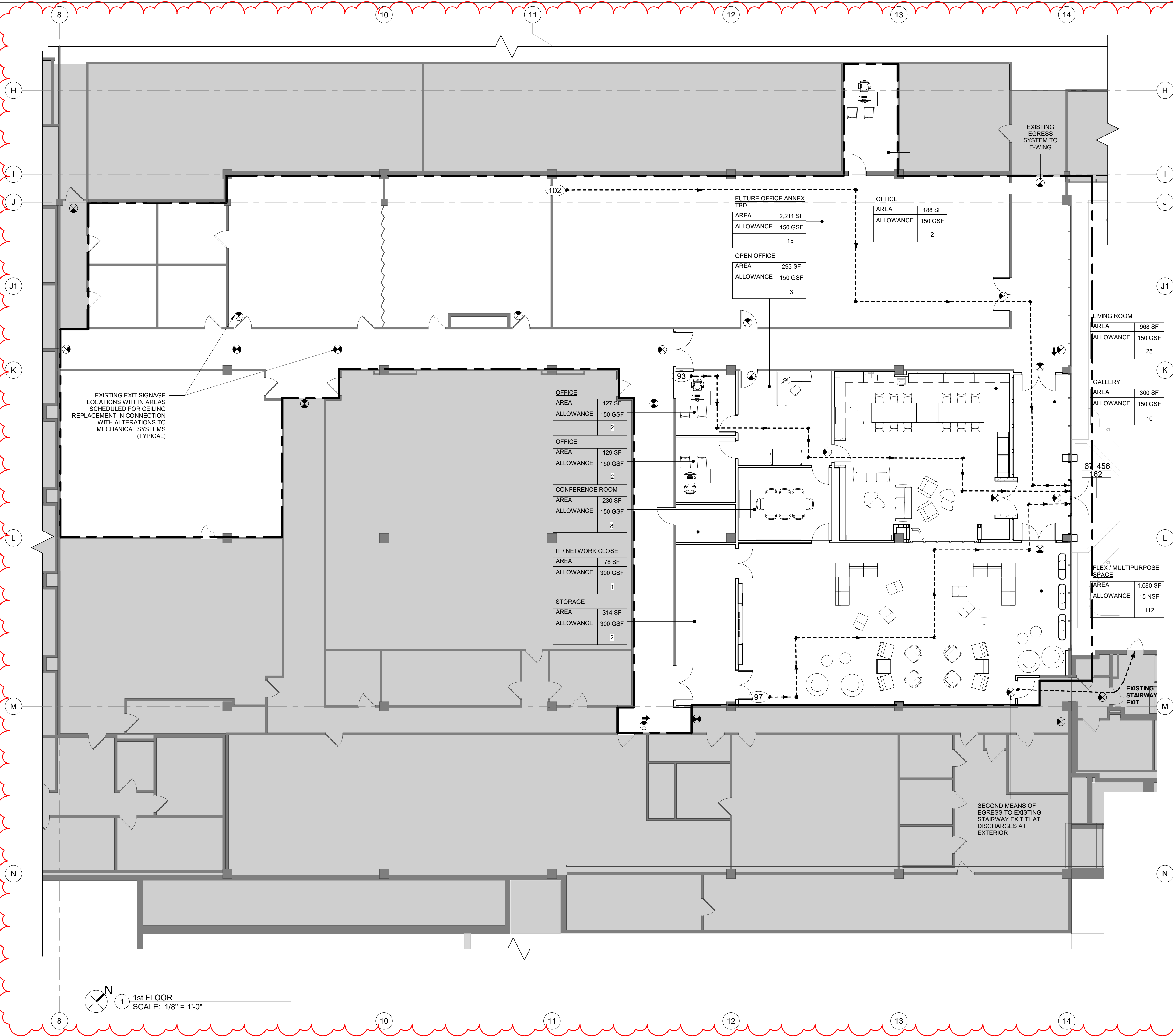
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DRAWN BY: JC					
CHECKED BY: GM					
PROJECT NUMBER:					

P21-008

SHEET TITLE:
SUMMARY CODE DATA AND ANALYSIS

SHEET NUMBER:

G-2.0



SHEET NOTES

- REFER TO DRAWING G-1.1 FOR ALL GRAPHIC SYMBOLS.
- REFER TO ELECTRICAL DRAWINGS FOR EXIT SIGNAGE.
- ALL MEANS OF EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

LEGEND:

XX

EXIT TRAVEL DISTANCE (IN FEET)

→

PATH OF TRAVEL

OFFICE

ROOM NAME

AREA

100 SF

ROOM AREA

ALLOWANCE

100 GSF

FLOOR AREA PER OCCUPANT

6

DESIGN OCCUPANT LOAD

#

#

EGRESS WIDTH (IN INCHES)

100

EGRESS CAPACITY (OCCUPANTS)

DESIGN LOAD (OCCUPANTS)

EXIT SIGN - THE SHADED AREA INDICATES LETTERING FACE

FEC

FIRE EXTINGUISHER CABINET

AREA OF ROOMS NOT IN SCOPE OF THIS CONTRACT

EXISTING CONSTRUCTION TO REMAIN

NEW PARTITION

1 HOUR RATED FIRE BARRIER

2 HOUR RATED FIRE BARRIER

LINE OF SCOPE OF WORK

KEY PLAN

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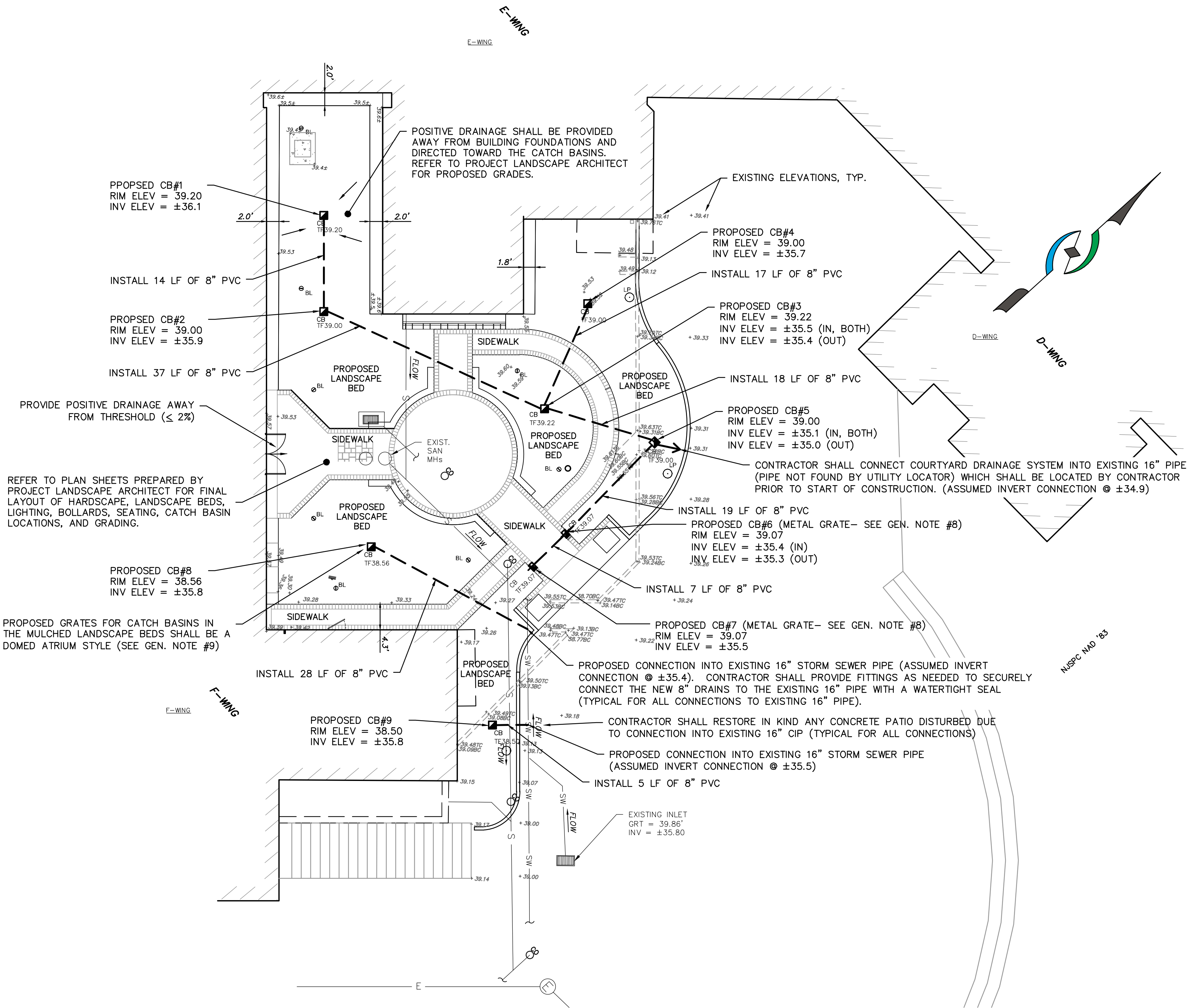
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PROJECT NUMBER: P21-008

SHEET TITLE: LIFE SAFETY PLAN

SHEET NUMBER: G-2.1

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STORMWATER DESIGN LAYOUT

SCALE: 1" = 10'

MARATHON SURVEY NOTES

- ALL DIMENSIONS ARE SHOWN IN FEET.
- HORIZONTAL DATUM AND COORDINATE VALUES ARE BASED ON NEW JERSEY STATE PLANE COORDINATE SYSTEM (NAD83 BASED ON GPS OBSERVATION)
- VERTICAL DATUM IS NAVD 88.
- UTILITIES SHOWN HEREON ARE BASED ONLY ON SURFACE FINDINGS AND MARKOUT BY THIRD-PARTY. ONLY LIMITED SUBSURFACE INFORMATION WAS AVAILABLE AT THE TIME OF THIS SURVEY TO CONFIRM ACTUAL LOCATIONS OF UNDERGROUND UTILITIES. THE MARKOUT PERFORMED BY A THIRD-PARTY IN JUNE 2021 INCLUDED A SMALL PORTION OF THE PROJECT AREA. THIS SURVEY DOES NOT REPRESENT A FULL AND COMPLETE UTILITY INVESTIGATION; UTILITIES MUST BE FIELD VERIFIED BY AWARDED CONTRACTOR PRIOR TO CONSTRUCTION.
- SURVEY FIELD WORK COMPLETED MAY 25, 2021 & JUNE 18, 2021.
- ELEVATIONS NOTED WITH ± ARE CALCULATED BASED ON BUILDING FEATURES, PHOTOS AND FIELD OBSERVATIONS. SURVEY EQUIPMENT COULD NOT ACHIEVE REASONABLE ACCURACY DUE TO VEGETATION, REFLECTIONS IN WINDOWS AND CONSTRAINT OF BUILDING LOCATION.
- INFORMATION FROM PLAN ENTITLED "CHEMICAL STORAGE RELOCATION OF CAMPUS CENTER SITE UTILITIES" FROM CAMPUS CENTER PLANS, LAST REVISED 05/28/2008 (KSS ARCHITECT, LPP & MARATHON ENGINEERING & ENVIRONMENTAL SERVICES) WAS UTILIZED ON THE BASE MAP.
- NOTES PROVIDED AS INTERPRETATION OF MARK-OUT BY STOCKTON FACILITIES PLANNING DEPT. JUNE 2021 WAS UTILIZED ON BASE MAP.
- INFORMATION FROM PLAN TITLED "PHASE TWO, PLUMBING SITE PLAN & DETAILS" STAMPED "AS-BUILT" FOR STOCKTON STATE COLLEGE BY GEDDES, BRECHER, QUALLS & CUNNINGHAM, AND VNOKUR/PACE, DATED 3/10/72 WAS UTILIZED ON BASE MAP

EXISTING UTILITY INFORMATION SHOWN ON THESE PLANS IS FURNISHED BY THE UTILITY COMPANIES AND/OR THE SURVEYOR AND THE ACCURACY THEREOF IS NOT THE RESPONSIBILITY OF MARATHON ENGINEERING & ENVIRONMENTAL SERVICES, INC. IT IS THE RESPONSIBILITY OF THE OWNERS AND/OR CONTRACTOR TO CALL 1-800-272-1000 FOR FIELD LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

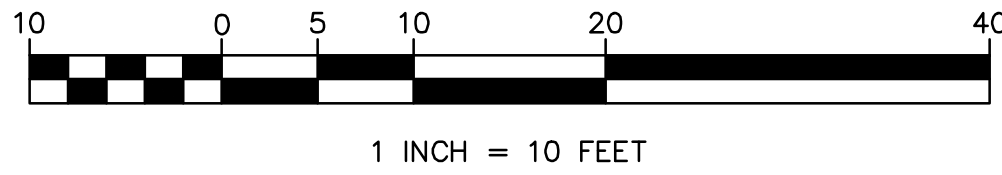
GENERAL NOTES

- THIS PLAN SHEET HAS BEEN PREPARED FOR THE CONSTRUCTION OF THE STORMWATER MANAGEMENT SYSTEM TO BE INSTALLED WITHIN THE COURTYARD. THIS PLAN SHALL NOT BE UTILIZED FOR ANY OTHER COMPONENTS OF THE PROJECT'S CONSTRUCTION.
- THE GRATE ELEVATIONS OF THE PROPOSED CATCH BASINS WERE SET BY THE PROJECT LANDSCAPE ARCHITECT. ANY REQUESTED MODIFICATIONS TO THE GRADING AND/OR GRATE ELEVATIONS SHALL BE DIRECTED TO THE PROJECT'S LANDSCAPE ARCHITECT. THE GRATE ELEVATIONS SHALL ADHERE TO THE BUILDING CODE FOR GRADE DIFFERENTIAL BETWEEN FINISHED FLOOR ELEVATION AND WITHIN 10 (TEN) FEET OF BUILDING. POSITIVE DRAINAGE AWAY FROM THE FOUNDATION THAT IS DIRECTED TO THE PROPOSED CATCH BASINS MUST BE PROVIDED.
- THE SUBSURFACE CONDITIONS/ UTILITIES ARE UNKNOWN AND THEREFORE THE CONTRACTOR SHALL VERIFY AND ADJUST DRAINS/ PIPES AS NECESSARY TO PROVIDE POSITIVE FLOW CONNECTIONS TO THE EXISTING 16" (LOCATION NOT VERIFIED) CIP WITHIN THE OPEN PLAZA AREA.
- THE STORMWATER MANAGEMENT DESIGN INCLUDES THREE (3) CONNECTIONS OF DRAINAGE INTO AN EXISTING 16" CIP STORMWATER PIPE THAT TRAVERSES THE EXISTING CONCRETE CORRIDOR IN CLOSE PROXIMITY TO THE COURTYARD PROJECT. BASED ON ARCHIVED DRAWINGS, IT APPEARS THERE IS A 16" CIP PIPE THAT UPSIZES TO AN 18" CIP AS THE PIPES EXTENDS TO THE NORTHEAST, GO UNDER THE BUILDING, AND THEN DISCHARGES INTO THE EXISTING STORMWATER BASIN. THE PRESUMED EXISTING 16" PIPE IS NOT INDICATED ON THE PLANS, AS ITS LOCATION WAS NOT VERIFIED BY THE UTILITY LOCATOR. THIS EXISTING STORMWATER PIPE IS CRITICAL TO THE DESIGN AND SHALL BE VERIFIED BY CONTRACTOR PRIOR TO START OF CONSTRUCTION. CONTRACTOR SHALL PERFORM TEST PITS AND UTILIZE UTILITY LOCATOR/TRACING TECHNIQUES TO LOCATE ALL POTENTIALLY IMPACTED SUBSURFACE UTILITIES.
- SUBMITTAL: IF DURING PRELIMINARY SITE EVALUATION THE CONTRACTOR DISCOVERS EXISTING UTILITY PIPE CONFLICTS AND PIPE LOCATIONS WHICH SIGNIFICANTLY PROHIBIT THE STORMWATER DESIGN & DESIGN INTENT TO BE CONSTRUCTED AS SHOWN, THEN THE CONTRACTOR SHALL PROVIDE A SUBMITTAL OF A SCHEMATIC SOLUTION TO RESOLVE THE CONFLICT. A SUBMITTAL IS NOT REQUIRED WHERE ONLY MINOR FIELD ADJUSTMENTS ARE NECESSARY TO RESOLVE DISCOVERED SUBSURFACE CONFLICTS.
- PROPOSED STORMWATER PIPES SHALL BE A MINIMUM OF 8 (EIGHT) INCH IS DIAMETER AND AT CONTRACTOR'S DISCRETION MAY BE PVC OR HDPE (WITH SMOOTH INTERIOR WALLS). PIPES SHALL HAVE A MINIMUM SLOPE OF 1% AND A MINIMUM OF 15 INCH COVER (FROM FINAL GRADE).
- CONTRACTOR SHALL PROVIDE FITTINGS AS NEEDED TO SECURELY CONNECT THE NEW 8" DRAINS TO THE EXISTING 16" PIPE WITH A WATERTIGHT SEAL FOR THE THREE (3) PROPOSED CONNECTION POINTS. CONTRACTOR SHALL PROVIDE A SUBMITTAL TO THE PROJECT CIVIL ENGINEER AND OWNER FOR REVIEW OF THE MATERIALS AND METHODS FOR THE STORMWATER CONNECTION INTO THE EXISTING STORMWATER SYSTEM.
- ALL CATCH BASINS ARE LOCATED WITHIN PROPOSED MULCHED LANDSCAPE BEDS EXCEPT FOR CATCH BASINS #6 AND #7 WHICH ARE LOCATED WITHIN THE PAVEMENT. A CUSTOM METAL GRATE SHALL BE PROVIDED FOR THE TWO (2) CATCH BASINS LOCATED WITHIN THE PAVEMENT. THE GRATES SHALL BE COMMERCIAL GRADE AND RESISTANT TO THE ANTICIPATED WEAR FROM HIGH PEDESTRIAN TRAFFIC IMPACTS. THE REMAINING CATCH BASIN GRATES SHALL BE PLASTIC AND BLACK IN COLOR.
- SUBMITTAL: THE CONTRACTOR SHALL PROVIDE A SUBMITTAL FOR REVIEW AND APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT AND OWNER FOR THE TWO METAL CATCH BASIN GRATES. THE GRATE DIMENSION SHALL BE OF SIMILAR WIDTH AS THE PAVEMENT SO AS TO BLEND INTO THE PAVEMENT LAYOUT DESIGN.
- SUBMITTAL: THE CONTRACTOR SHALL PROVIDE A SUBMITTAL FOR REVIEW AND APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT AND OWNER FOR THE PLASTIC LANDSCAPE BED CATCH BASIN GRATES. GRATES WITHIN BEDS SHALL BE DOMED ATRIUM STYLE, PROTECTED WITH UV INHIBITOR, PLASTIC OR FOAM POLYOLEFIN, BLACK IN COLOR, AND BE HEAVY DUTY COMMERCIAL GRADE.
- SUBMITTAL: THE CONTRACTOR SHALL PROVIDE A SUBMITTAL FOR REVIEW AND APPROVAL BY THE PROJECT CIVIL ENGINEER FOR THE CATCH BASIN SYSTEM TO BE UTILIZED FOR THE PROJECT. MULTIPLE CATCH BASINS MAY BE REQUIRED BASED ON THE NUMBER OF PIPES ENTERING & EXITING THE BASIN. SUBMITTAL SHALL INCLUDE ANY DEVICES TO BE UTILIZED FOR ATTACHMENT OF THE GRATE TO THE BASIN.
- SUBMITTAL: THE CONTRACTOR SHALL PROVIDE A SUBMITTAL FOR REVIEW AND APPROVAL FOR THE 8" STORMWATER PIPE MATERIAL TO BE UTILIZED FOR THE PROJECT.
- EXISTING UTILITY FEATURES DEPICTED ARE PROVIDED FOR INFORMATION PURPOSES ONLY.
- CONTRACTOR IS RESPONSIBLE FOR FINAL SITE UTILITY MARKOUT AND IS RESPONSIBLE FOR REPLACEMENT AND/OR RECONSTRUCTION OF ANY DAMAGED UNDERGROUND UTILITY IN THE PROJECT AREA.
- ACTUAL LOCATIONS OF EXISTING UTILITY FEATURES WILL NEED TO BE CONFIRMED WITH ADDITIONAL INVESTIGATION (INCLUDING TEST PITS) PRIOR TO ANY CONSTRUCTION ACTIVITIES ARE BEGUN.
- INFORMATION PROVIDED ON THESE PLANS IS AS PROVIDED BY DESIGN PROFESSIONALS AND CONTRACTORS.
- THE ACCURACY OF THE EXISTING UTILITY LOCATIONS WILL ONLY BE RELIABLE ENOUGH FOR GENERAL LOCATIONS OF UNDERGROUND FEATURES.
- PROVIDED INFORMATION WILL NEED TO BE CONFIRMED WITH ADDITIONAL INVESTIGATION, SUCH AS TEST PITS, PRIOR TO ANY CONSTRUCTION ACTIVITIES IN THE AREAS.
- THE EXISTING UTILITY LOCATIONS PROVIDED ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE INTENDED TO DRAW ATTENTION TO THE AREAS IN NEED OF FURTHER INVESTIGATION PRIOR TO ANY CONSTRUCTION ACTIVITIES CAN TAKE PLACE IN THOSE AREAS.
- IT IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO CONTACT NEW JERSEY ONE CALL AT 811 OR 1-800-272-1000 FOR FIELD LOCATION OF UNDERGROUND UTILITIES PRIOR TO ANY CONSTRUCTION OR EXCAVATION. IT SHALL BE NOTED THAT MOST OF THE UTILITIES ON THE CAMPUS ARE PRIVATELY OWNED AND MAY NOT BE INCLUDED IN THE NJ ONE CALL DATABASE, SO CAUTION IS ADVISED.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HANDLE, DISPOSE OF, CUT, OR ALTER ASBESTOS MATERIAL IN ACCORDANCE WITH NJDEP AND NESHAP STANDARDS AND GUIDELINES.

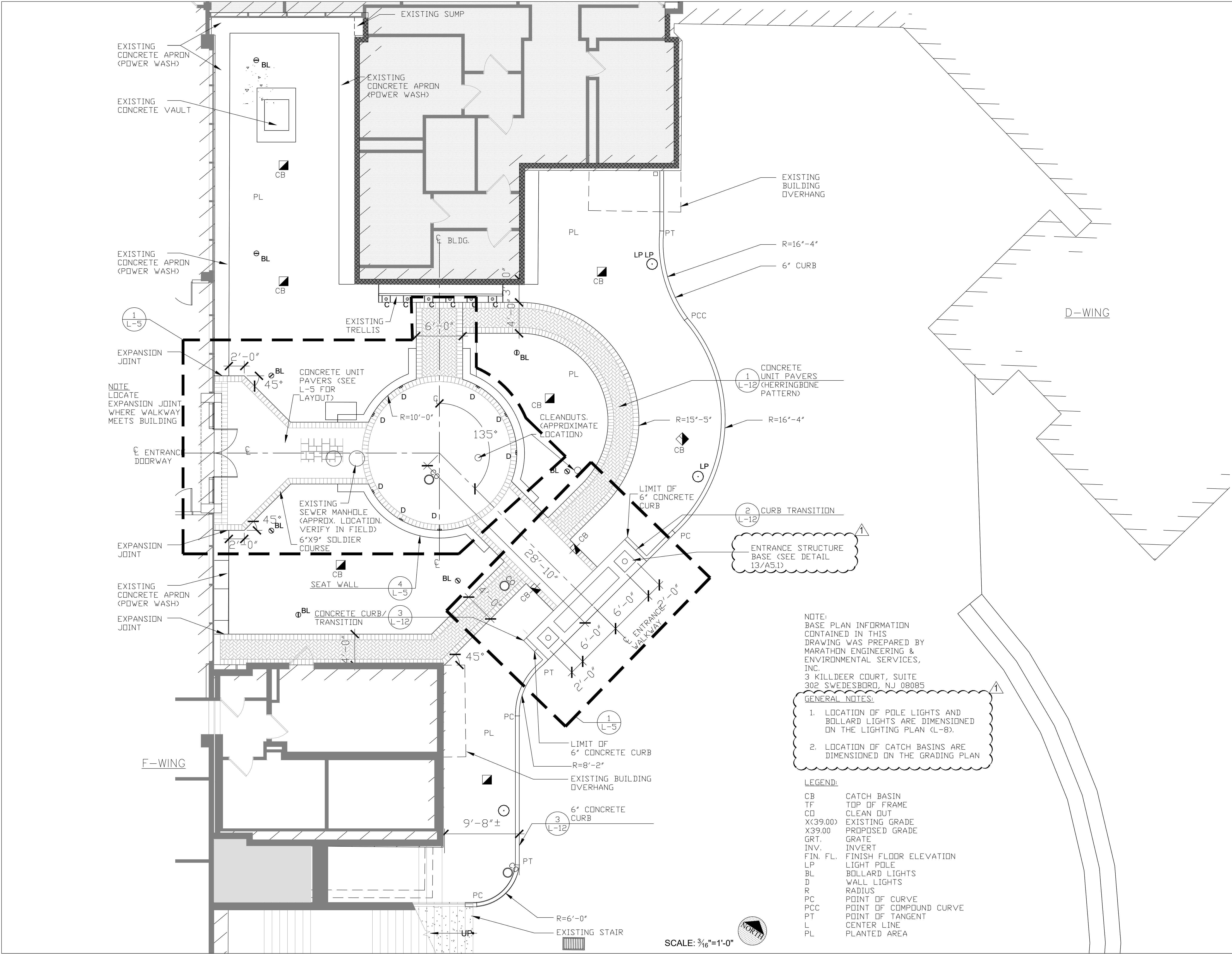
LEGEND

- STORMWATER INLET
- CLEANOUT
- UNKNOWN TERMINOUS
- SW SW
- S
- E
- G
- CB
- PROPOSED CATCH BASIN
- PROPOSED 8" STORM DRAIN
- STORMWATER LINE
- SANITARY LINE
- ELECTRIC LINE
- GAS LINE

GRAPHIC SCALE

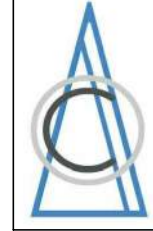


08-16-2021	1	FINAL PLAN FOR OUTSIDE AGENCY SUBMISSIONS	KAI	DJF
STOCKTON UNIVERSITY		MARATHON Engineering & Environmental Services Atlantic City Office 1616 Pacific Avenue, Suite 501, Atlantic City, NJ 08401 ph (609) 437-2100 fax (609) 437-2101 Certificate of Authorization #24G429595700		
STORMWATER UTILITY PLAN				
STOCKTON UNIVERSITY 101 VERA KING FARRIS DRIVE GALLOWAY, NEW JERSEY 08055-5441				
DAVID J. FLEMING, P.E. PROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 24GE03321600 		SCALE: 1" = 10' APPROVED: DJF DRAWING NO.: C0401 RSC 057.01		
08/16/2021				



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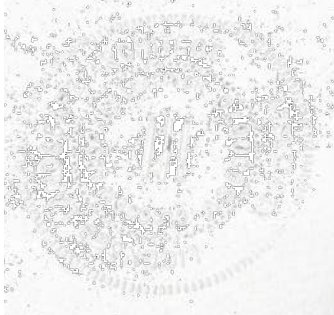
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CLIENT:
Stockton University
101 Vera King Farris Drive
Galloway, NJ 08205

CONSULTANT:
LANDSCAPE ARCHITECT:

FORREST ASSOCIATES LTD
1707 CLINTON AVENUE
SOUTH PLAINFIELD, NJ 07080
TELEPHONE:



GLASGOW A. LIMERICK L.L.A.
LICENSE NO. AS 2100007000

STOCKTON UNIVERSITY
MULTICULTURAL CENTER

101 Vera King Farris Drive
Galloway, NJ 08205
CLIENT: Stockton University

NOTE:
BASE PLAN INFORMATION
CONTAINED IN THIS
DRAWING WAS PREPARED BY
MARATHON ENGINEERING &
ENVIRONMENTAL SERVICES,
INC.
3 KILLDEER COURT, SUITE
302 SWEDES BORO, NJ 08085

GENERAL NOTES:

1. LOCATION OF POLE LIGHTS AND
BOLLARD LIGHTS ARE DIMENSIONED
ON THE LIGHTING PLAN (L-8).
2. LOCATION OF CATCH BASINS ARE
DIMENSIONED ON THE GRADING PLAN

LEGEND:

CB	CATCH BASIN
TF	TOP OF FRAME
CO	CLEAN OUT
X(39.00)	EXISTING GRADE
X39.00	PROPOSED GRADE
GRT.	GRATE
INV.	INVERT
FIN. FL.	FINISH FLOOR ELEVATION
LP	LIGHT POLE
BL	BOLLARD LIGHTS
D	WALL LIGHTS
R	RADIUS
PC	POINT OF CURVE
PCC	POINT OF COMPOUND CURVE
PT	POINT OF TANGENT
L	CENTER LINE
PL	PLANTED AREA

SCALE: 3/16"=1'-0"



REV	DATE	DESCRIPTION
1	09-20-2021	ADDENDUM #1
2	09-01-2021	ISSUED FOR BID
3	09-16-2021	ISSUED FOR CONSTRUCTION PERMIT

DESIGN DELIVERABLE: CONSTRUCTION
DOCUMENTS

ISSUE DATE: 08-16-2021

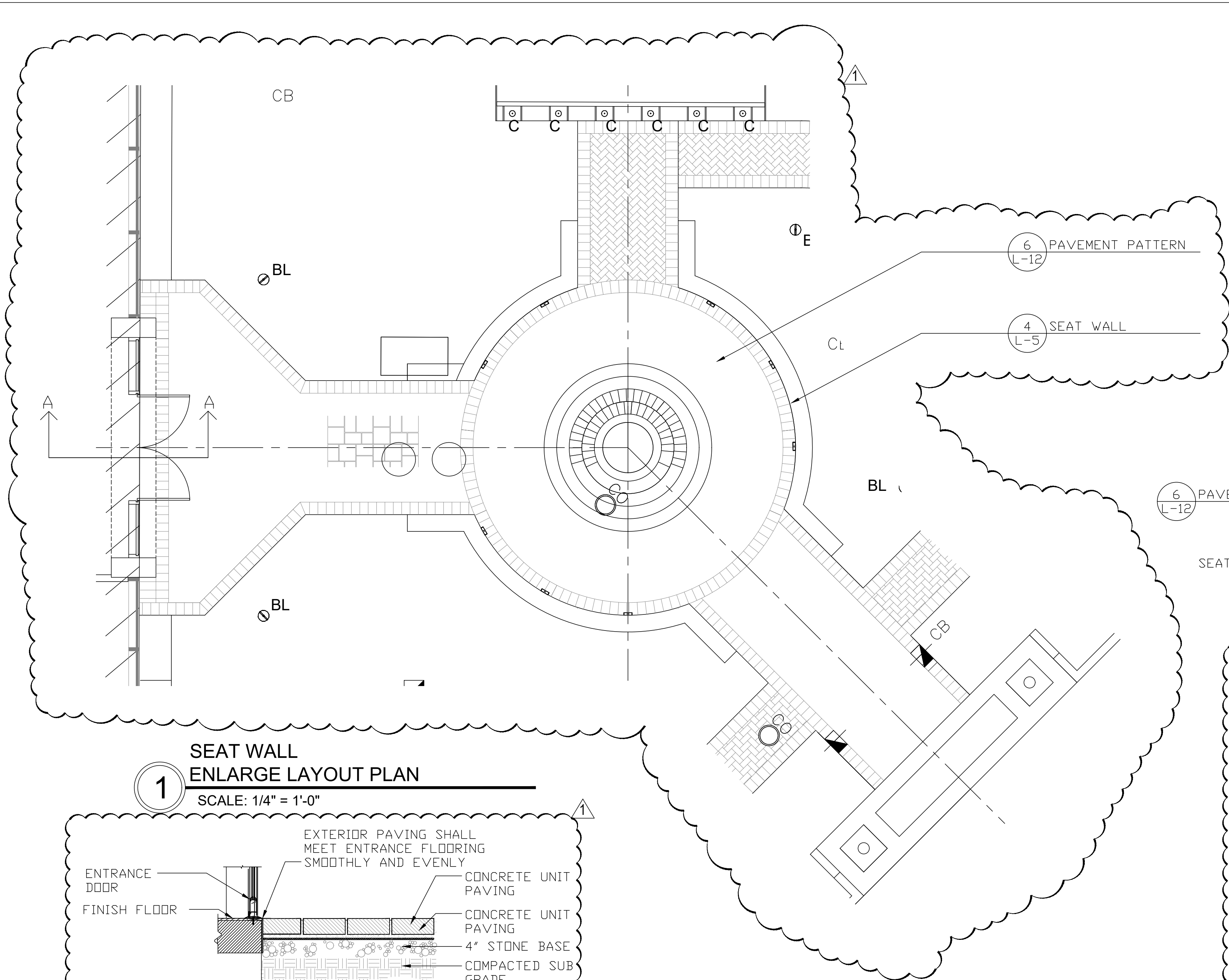
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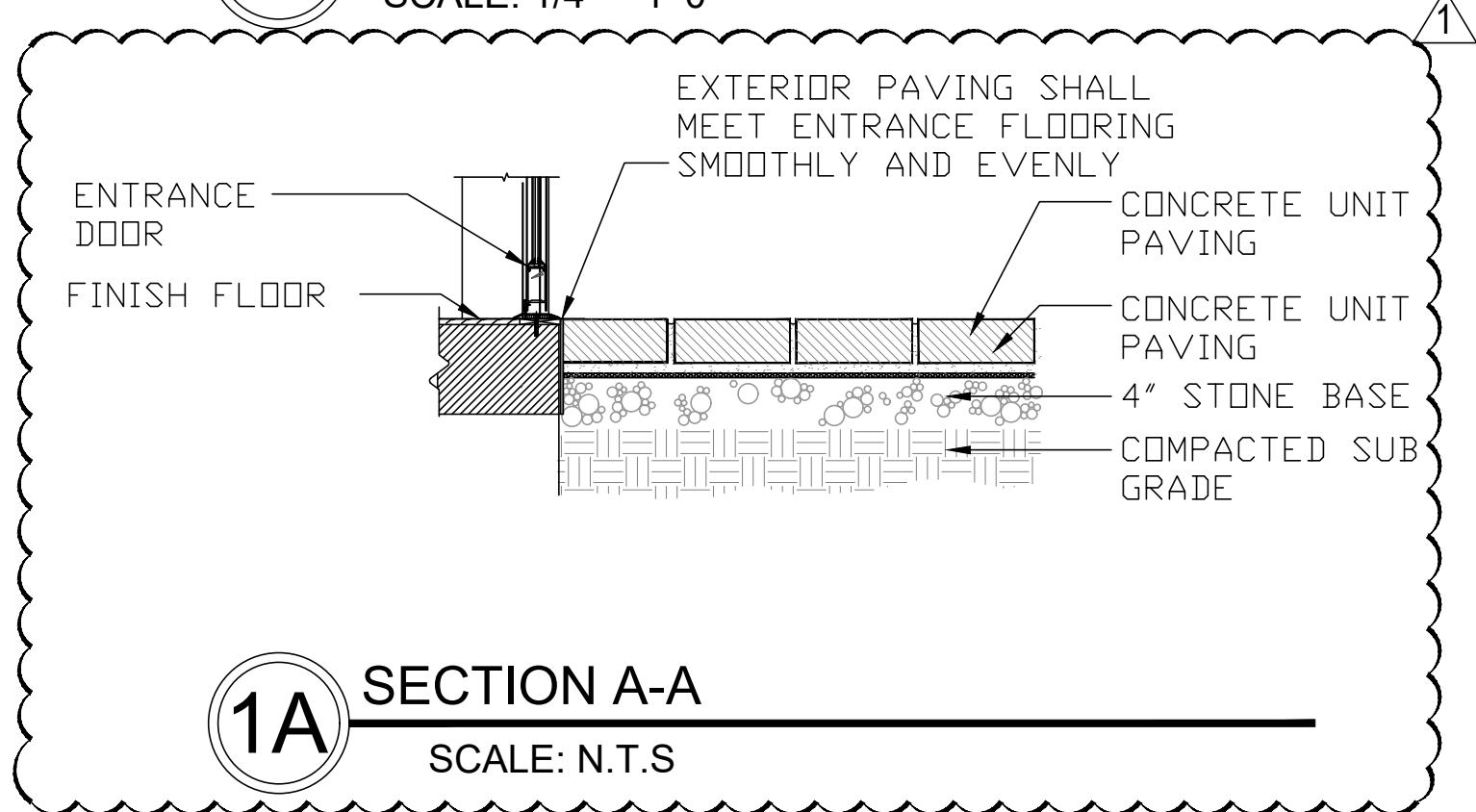
PROJECT NUMBER:
P21-008

SHEET TITLE:
**SITE LAYOUT & MATERIALS
PLAN**

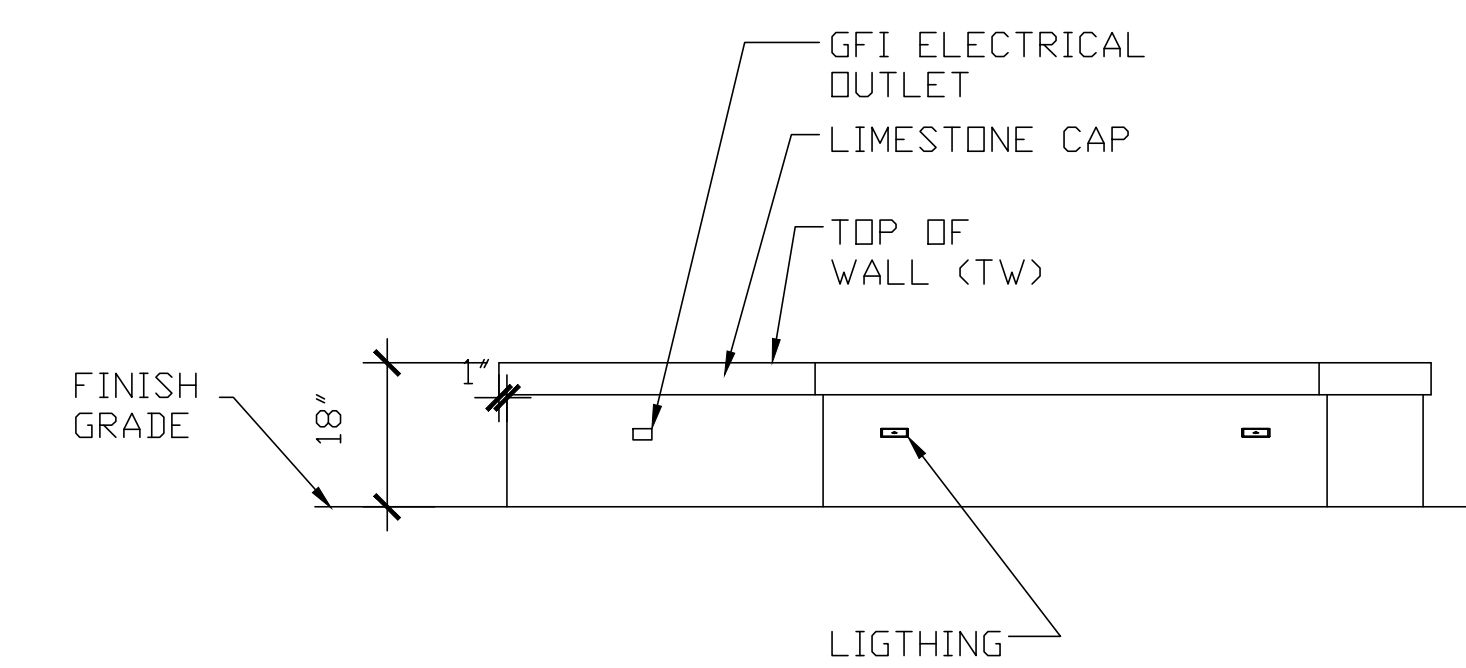
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L-3



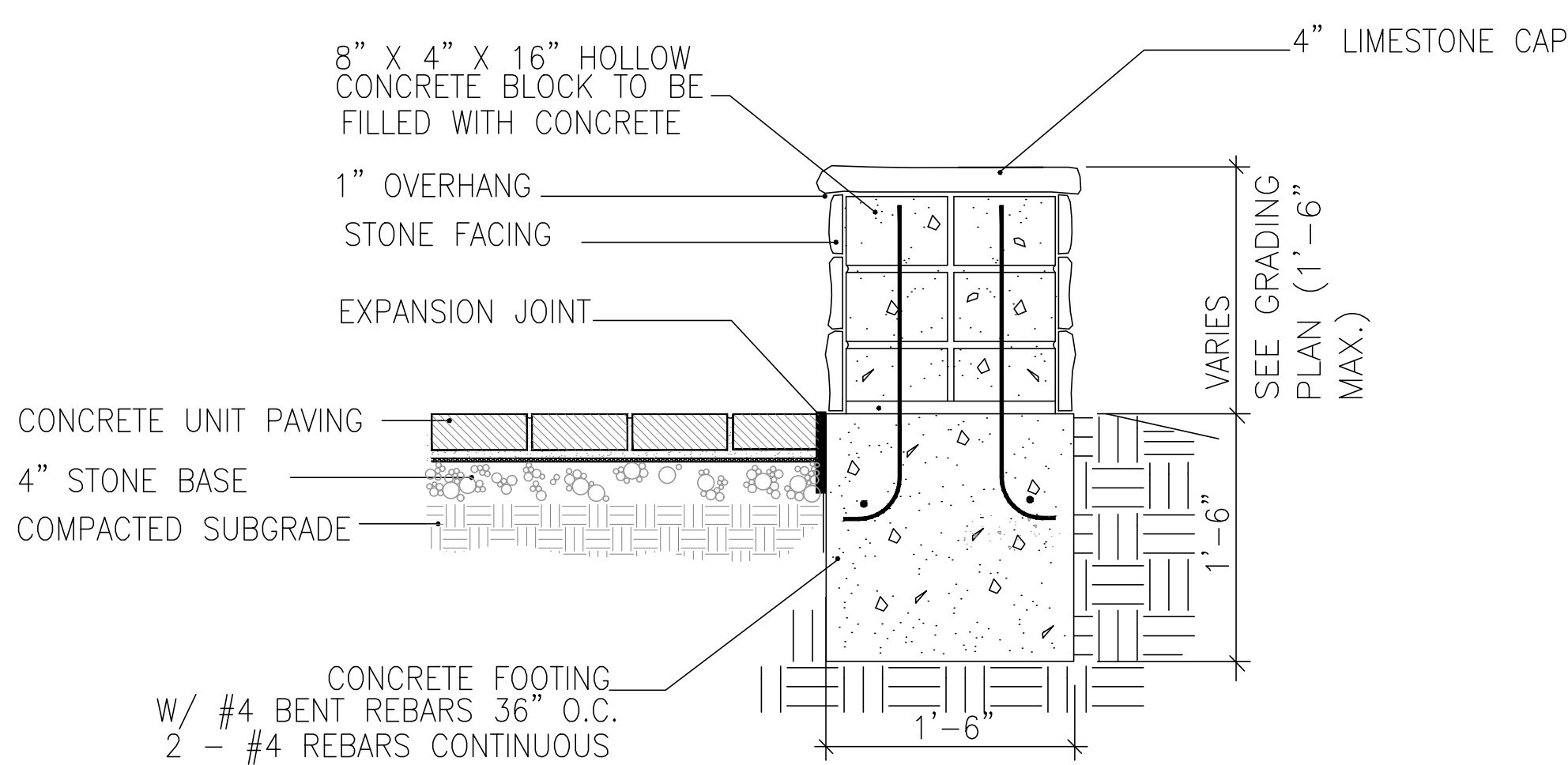
1 SEAT WALL
ENLARGE LAYOUT PLAN
SCALE: 1/4" = 1'-0"



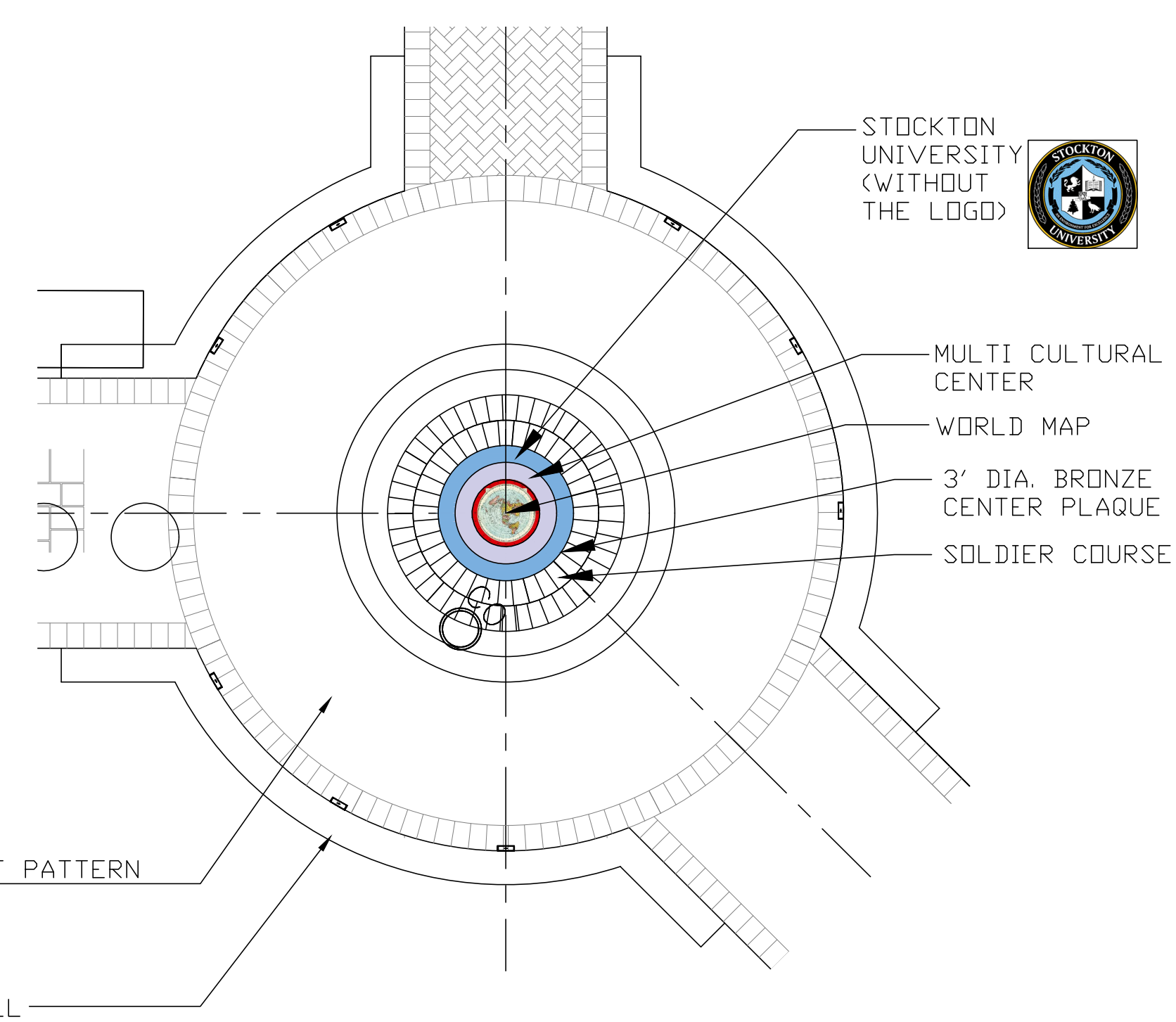
1A SECTION A-A
SCALE: N.T.S.



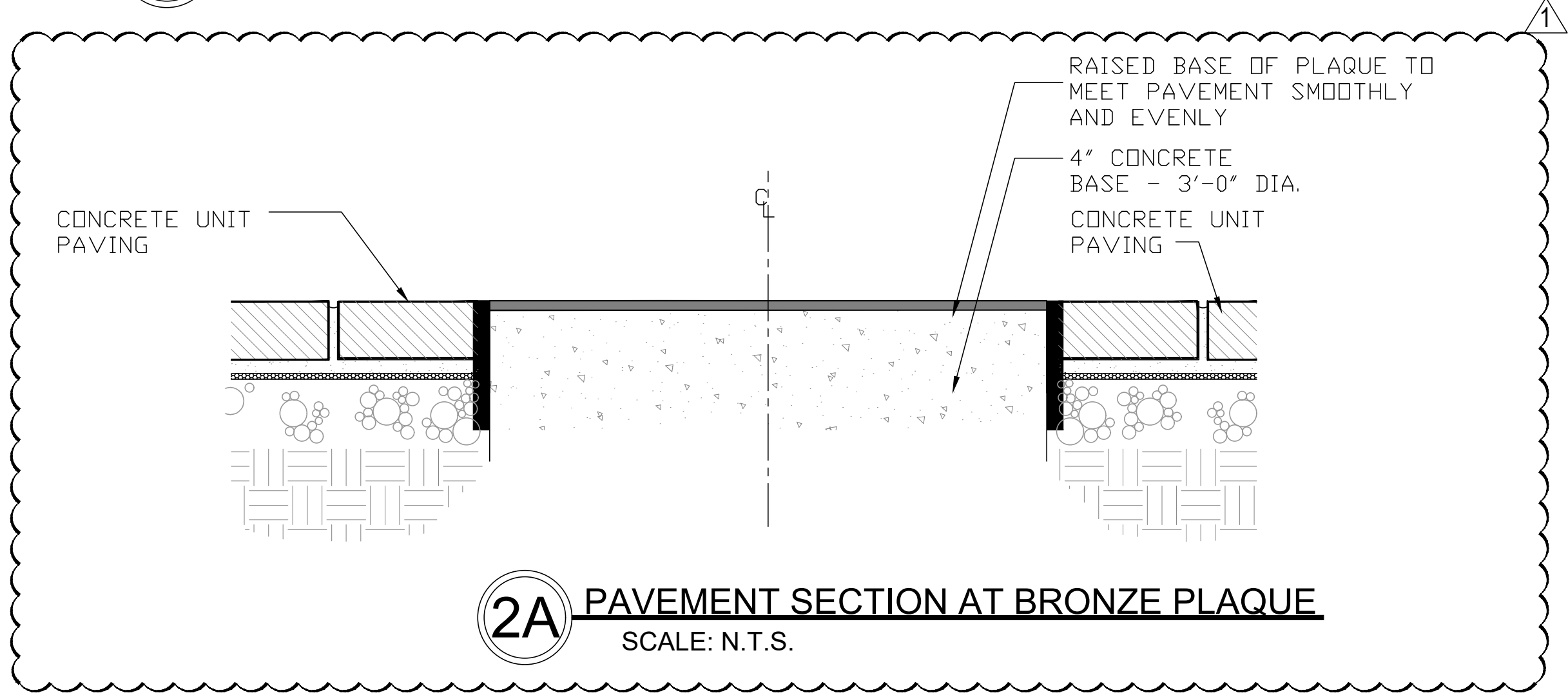
3 ELEVATION - SEAT WALL
N.T.S.



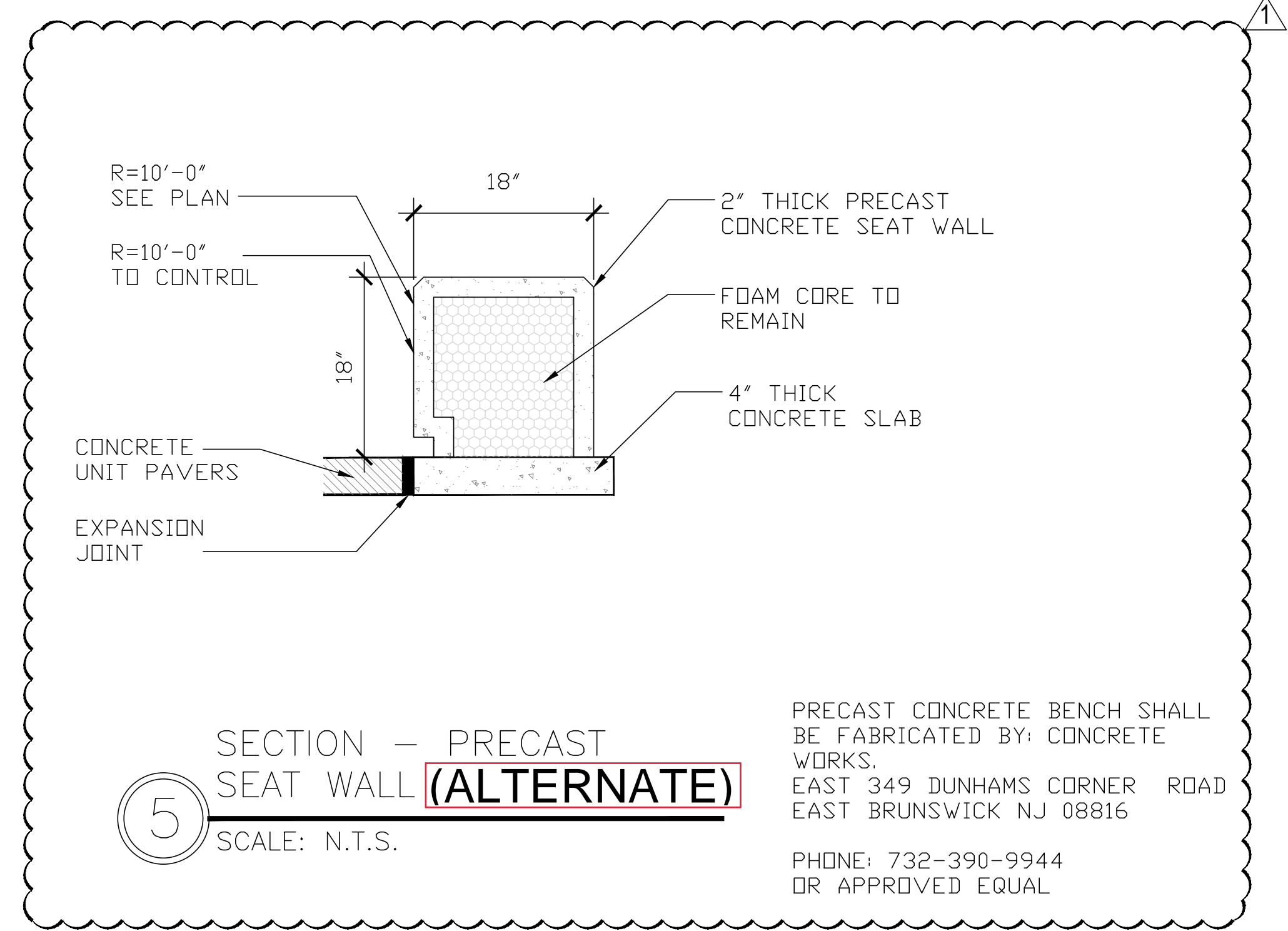
4 DETAIL - SEAT WALL
N.T.S.



2 LAYOUT: BRONZE PLAQUE
SCALE: 1/4" = 1'-0"



2A PAVEMENT SECTION AT BRONZE PLAQUE
SCALE: N.T.S.



5 SECTION - PRECAST
SEAT WALL (ALTERNATE)
SCALE: N.T.S.

BRONZE IN GROUND PLAQUE
BRONZE PLAQUE SHALL BE MANUFACTURED BY BRONZE MEMORIALS INC. USA, 7300 RESERVE CREEK DRIVE, PORT ST. LUCIE, FLORIDA 34986, PHONE: 772-924-0083.

PLAQUE SHALL BE 1/2" THICK WITH RAISED LETTERS, RAISED BORDERS AND WORLD MAP LOGO IN THE CENTER.

PLAQUE SHALL HAVE CONCEALED STUDS FOR SETTING INTO THE CONCRETE BASE. CONCRETE BASE SECTION SHALL CONFORM TO DETAIL 7 SHEET L-12. CONCRETE BASE SHALL BE 3'-0" DIAMETER.

PRIOR TO MANUFACTURING THE CONTRACTOR SHALL CONFIRM ALL LETTERING INFORMATION, LETTER SIZES, AND MAP IMAGES WITH STOCKTON UNIVERSITY PROJECT REPRESENTATIVE. UPON COMPLETION CONTRACTOR SHALL HAVE THE STOCKTON UNIVERSITY PROJECT REPRESENTATIVE CONFIRM THE DIRECTIONAL PLACEMENT OF THE PLAQUE IN THE PAVEMENT.

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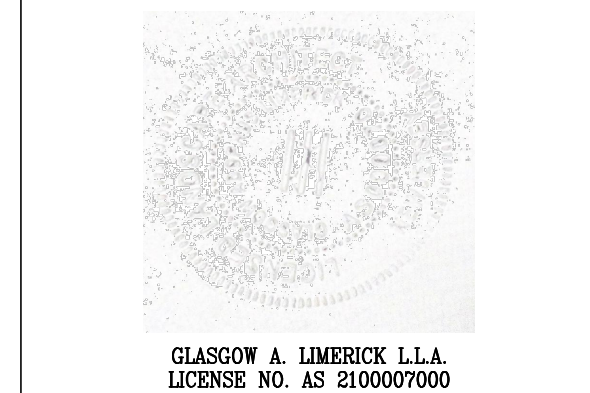
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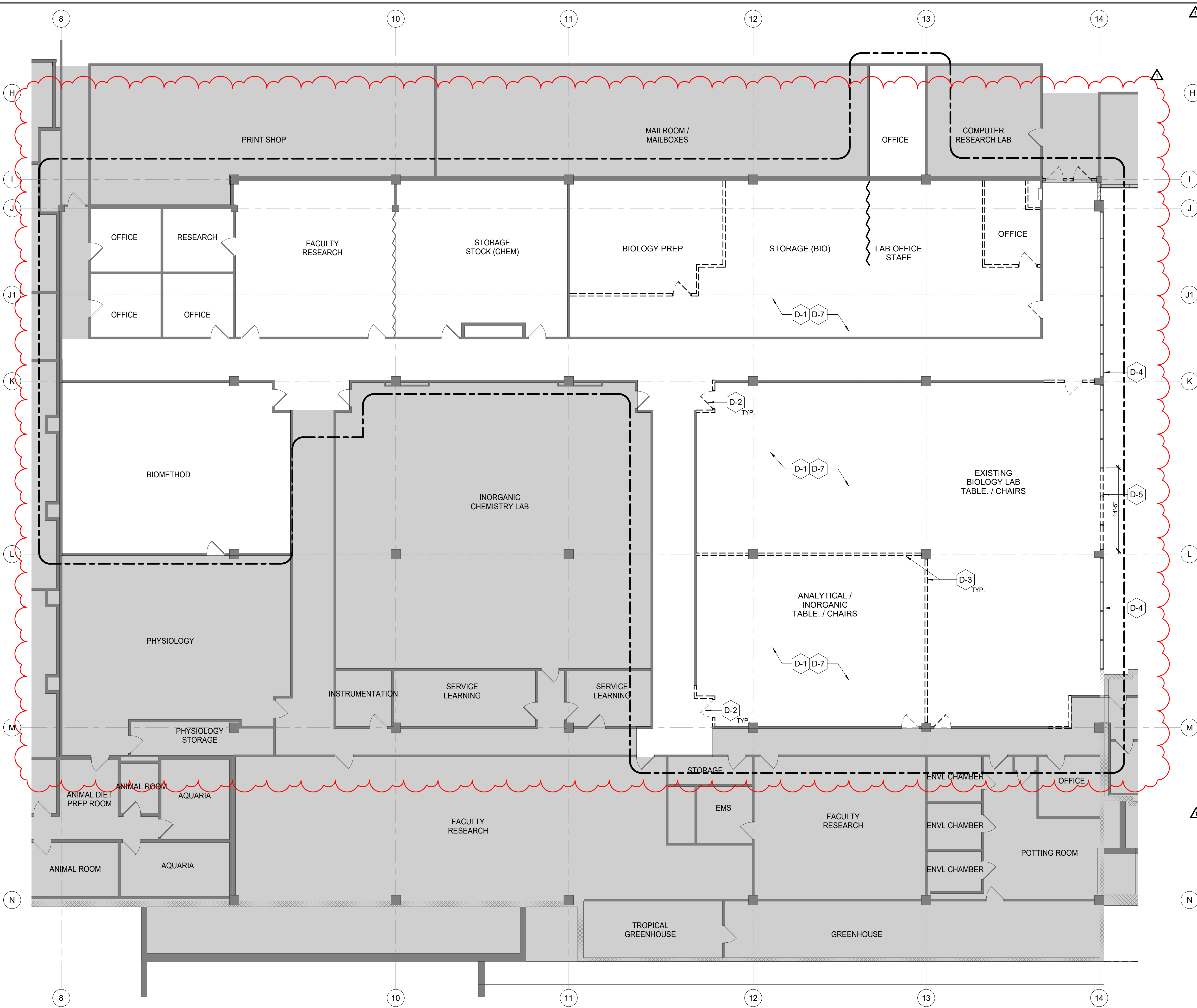
**STOCKTON UNIVERSITY
MULTICULTURAL CENTER**

101 Vera King Farris Drive
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CLIENT: Stockton University

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5	08-16-2021	CONSTRUCTION DOCUMENTS
6	08-16-2021	CONSTRUCTION DOCUMENTS
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SHEET TITLE:
ENLARGED LAYOUT PLAN

SHEET NUMBER:
L- 5



DEMOLITION KEYNOTES

- D-1 REMOVE EXISTING FLOOR FINISH DOWN TO CONCRETE SLAB.
- D-2 REMOVE EXISTING DOOR & FRAME IN ITS ENTIRETY. REMOVAL TO INCLUDE HARDWARE, FRAME, THRESHOLD, CLOSER, TRANSOM, SIDELIGHTS, GLAZING, PANELS, SEALANT, ETC (TYP.) PATCH AND PREP AS REQUIRED FOR NEW FINISHES (TYP.)
- D-3 EXISTING GYPSUM WALL AND STUD PARTITIONS TO BE REMOVED IN THEIR ENTIRETY. REMOVAL TO INCLUDE BUT NOT LIMITED TO ALL WALL FINISHES, BASE TILES, EQUIPMENT, WIRING, ETC. WALLS TO BE REMOVED FLOOR TO DECK. BRING ALL WIRING BACK TO NEAREST SOURCE PANEL. CAREFULLY CUT WALLS IN AREAS WHERE PORTION OF EXISTING IS TO REMAIN. REMOVAL TO INCLUDE CEILING AS INDICATED ON DRAWINGS. PATCH AND PREP FLOOR/ WALLS TO RECEIVE NEW FINISHES (TYP.).
- D-4 CURTAIN WALL FRAMING AND PANELS TO REMAIN. PROTECT EXISTING CURTAIN WALL WITH 1/2-INCH INSULATED PLYWOOD PANELSS CONVERING FULL HEIGHT AND WIDTH OF GLASS AREAS.
- D-5 EXISTING PORTION OF STOREFRONT SYSTEM AND GLASS PANELS TO BE REMOVED IN ITS ENTIRETY.
- D-7 EXISTING CASEWORK TO BE REMOVED IN ITS ENTIRETY. REMOVAL TO INCLUDE BUT NOT LIMITED TO ALL MILLWORK PARTITIONS, SUPPORTS, COUNTER TOPS, CABINETS, SHELVING, EQUIPMENT, SINKS, ETC. WHERE APPLICABLE, CUT AND CAP WATER SUPPLY/DRAIN LINES AND GAS LINES BEHIND/BELOW SURFACE OF WALL/FLOOR. GC WILL BE RESPONSIBLE FOR ALL PLUMBING AND GAS DEMOLITION WORK. BRING ALL WIRING (ELECTRICAL & DATA) BACK TO NEAREST ACTIVE SOURCE PANEL.

DEMOLITION LEGEND

- REMOVE EXISTING WALL OR WALL PORTION TO BE REMOVED ENTIRELYN
- EXISTING WALL, WALL PORTION, OR ITEM TO REMAIN
- REMOVE EXISTING DOOR & FRAME
- EXISTING DOOR & FRAME TO REMAIN
- REMOVE PLUMBING FIXTURE. SEE PLUMBING FOR MORE INFORMATION.
- PLUMBING FIXTURE TO REMAIN. SEE PLUMBING FOR MORE INFORMATION.
- FLOOR DRAIN
- LINE OF SCOPE OF WORK

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TELEPHONE: 908.298.1600

LANDSCAPE ARCHITECT:
FORREST ASSOCIATES LTD
1707 CLINTON AVENUE
SOUTH PLAINFIELD, NJ 07080
TELEPHONE:

STOCKTON UNIVERSITY MULTICULTURAL CENTER

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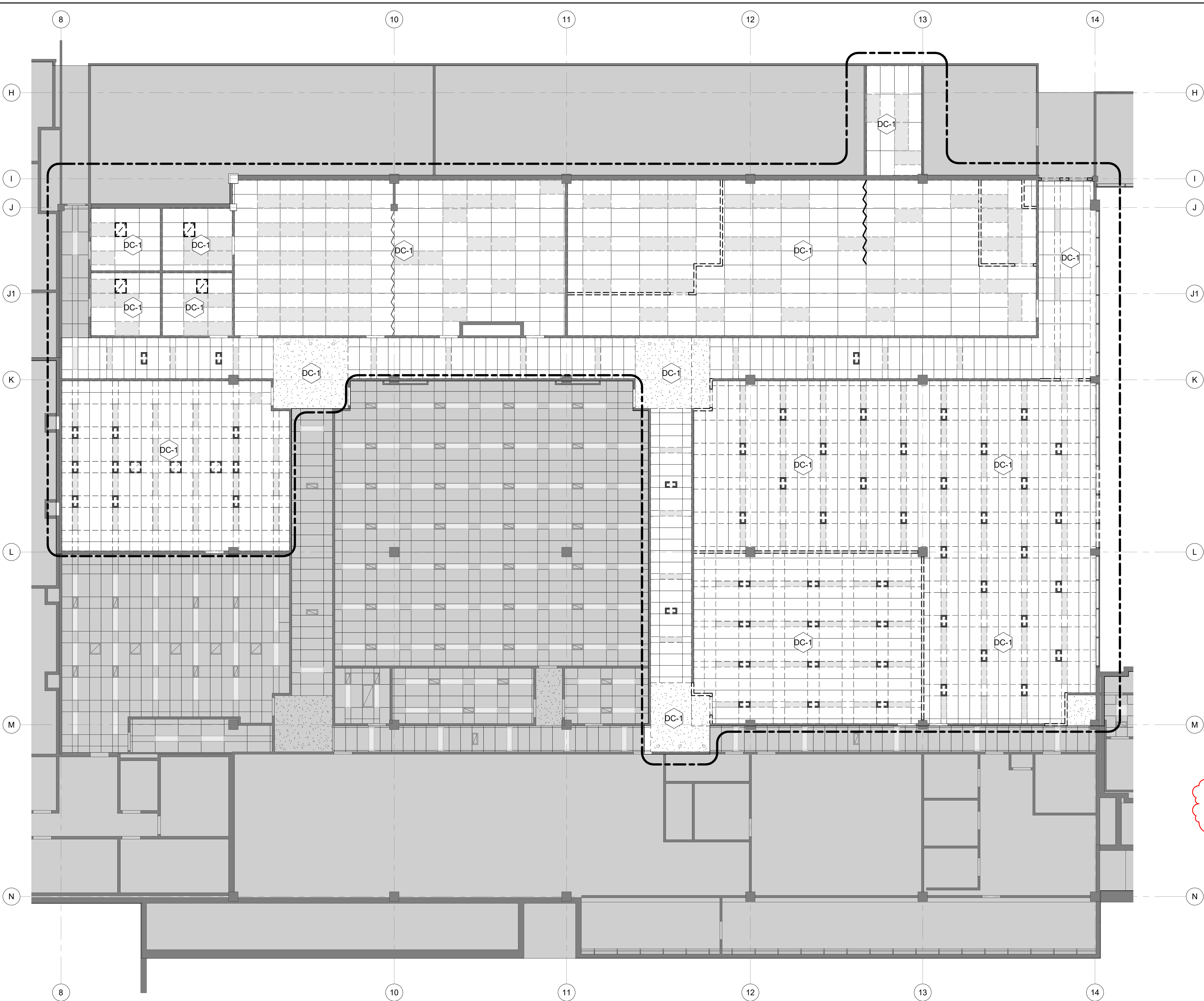
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1	09-20-2021	ADDENDUM 1
0	08-01-2021	ISSUED FOR BID
0	08-16-2021	ISSUED FOR CONSTRUCTION PERMIT
DESIGN DELIVERABLE:	CONSTRUCTION DOCUMENTS	
ISSUE DATE:	08-16-2021	
DRAWN BY:	JC	
CHECKED BY:	GM	

PROJECT NUMBER:
P21-008

SHEET TITLE:
DEMOLITION PLAN

SHEET NUMBER:
D-1.0

1 1st FLOOR EXISTING / DEMO PLAN
SCALE: 1/8" = 1'-0"



DEMOLITION KEYNOTES

DC-1 REMOVE EXISTING CEILING AND ANY ASSOCIATED LIGHT FIXTURES, DIFFUSERS, EQUIPMENT AND LIFE SAFETY DEVICES. COORDINATE REMOVAL AND REINSTALLATION/RELOCATION OF ANY SECURITY, DATA, OR AUDIO/VISUAL DEVICES WITH OWNER.

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LANDSCAPE ARCHITECT:
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SOUTH PLAINFIELD, NJ 07080
TELEPHONE:

DEMOLITION LEGEND

--- REMOVE EXISTING WALL OR WALL PORTION TO BE REMOVED ENTIRELY

— EXISTING WALL, WALL PORTION, OR ITEM TO REMAIN

- - - LINE OF SCOPE OF WORK

■ EXISTING LIGHT TO BE REMOVED

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DRAWN BY: Author

CHECKED BY: Checker

PROJECT NUMBER: P21-008

SHEET TITLE: DEMOLITION RCP PLAN

SHEET NUMBER: D-2.0

DM-1st FLOOR
SCALE: 1/8" = 1'-0"

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SHEET NOTES

- REFER TO DRAWING G-1.1 FOR ALL GRAPHIC SYMBOLS.
- REFER TO ELECTRICAL DRAWINGS FOR EXIT SIGNAGE.
- ALL MEANS OF EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

CONSTRUCTION KEYNOTES

1

A-4.0

1

A-5.1

LEGEND

	NEW WALL, V.I.F.
	EXISTING WALL, V.I.F.
	LINE OF SCOPE OF WORK
	DIMENSION TAKEN
	DOOR IDENTIFICATION
	WINDOW OR LOUVER TYPE
	PARTITION TYPE (REFER TO PARTITION TYPE SHEET)

KEY PLAN

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DRAWN BY: JC

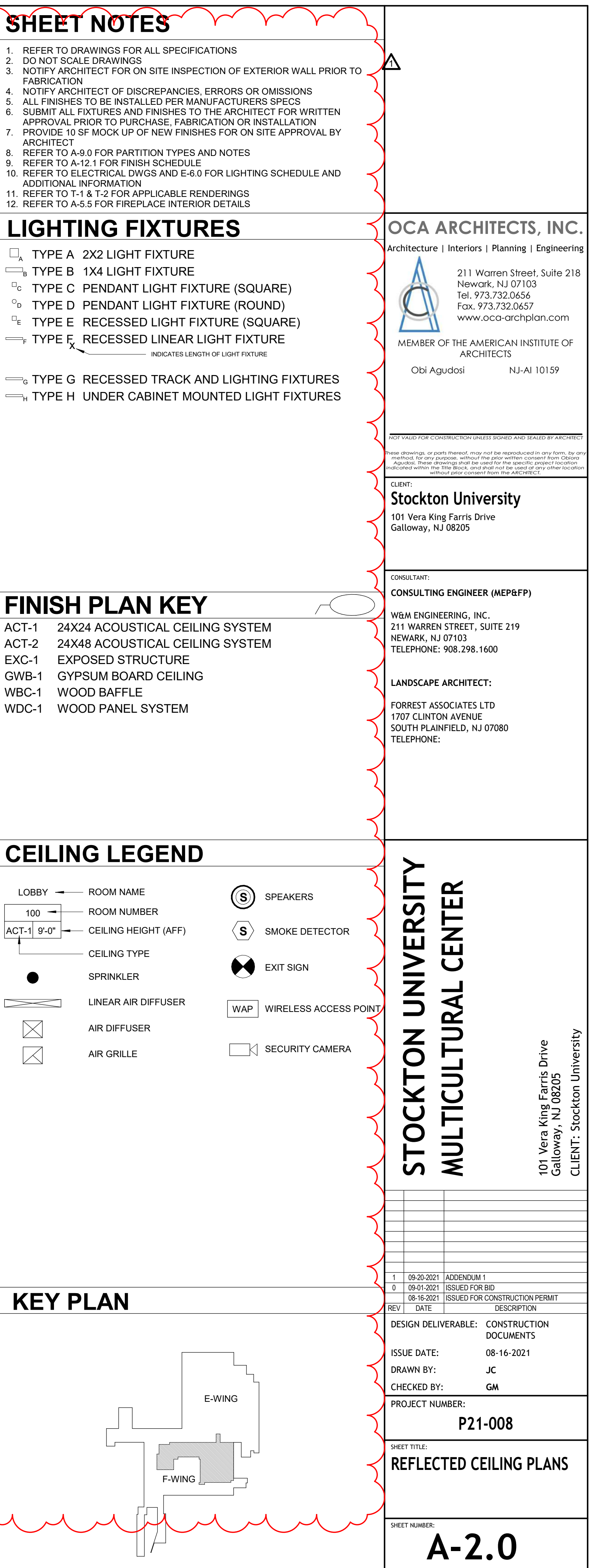
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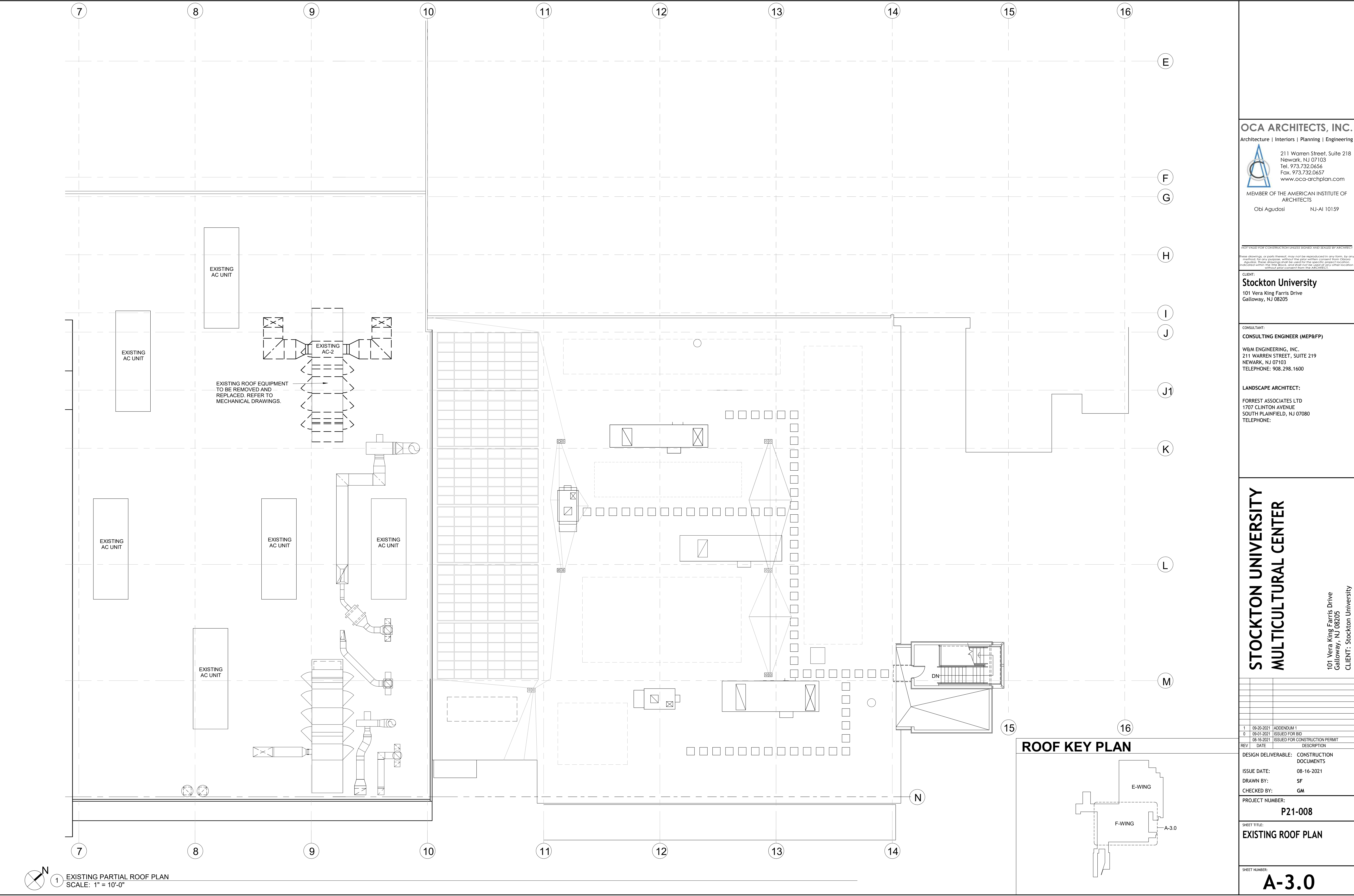
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SHEET TITLE: CONSTRUCTION PLAN

SHEET NUMBER: A-1.0

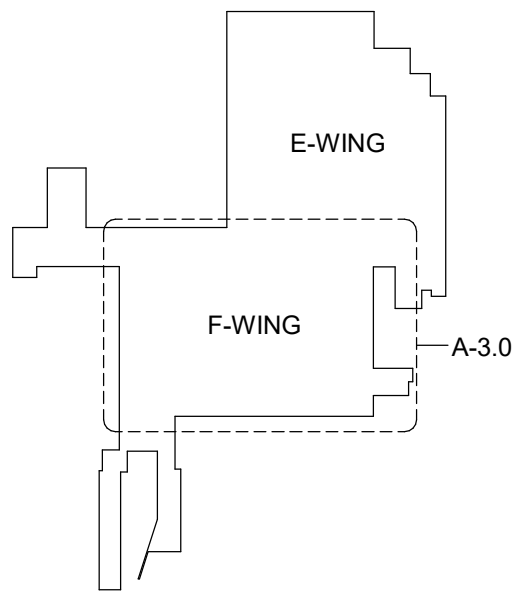
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1 EXISTING PARTIAL ROOF PLAN
SCALE: 1" = 10'-0"

ROOF KEY PLAN



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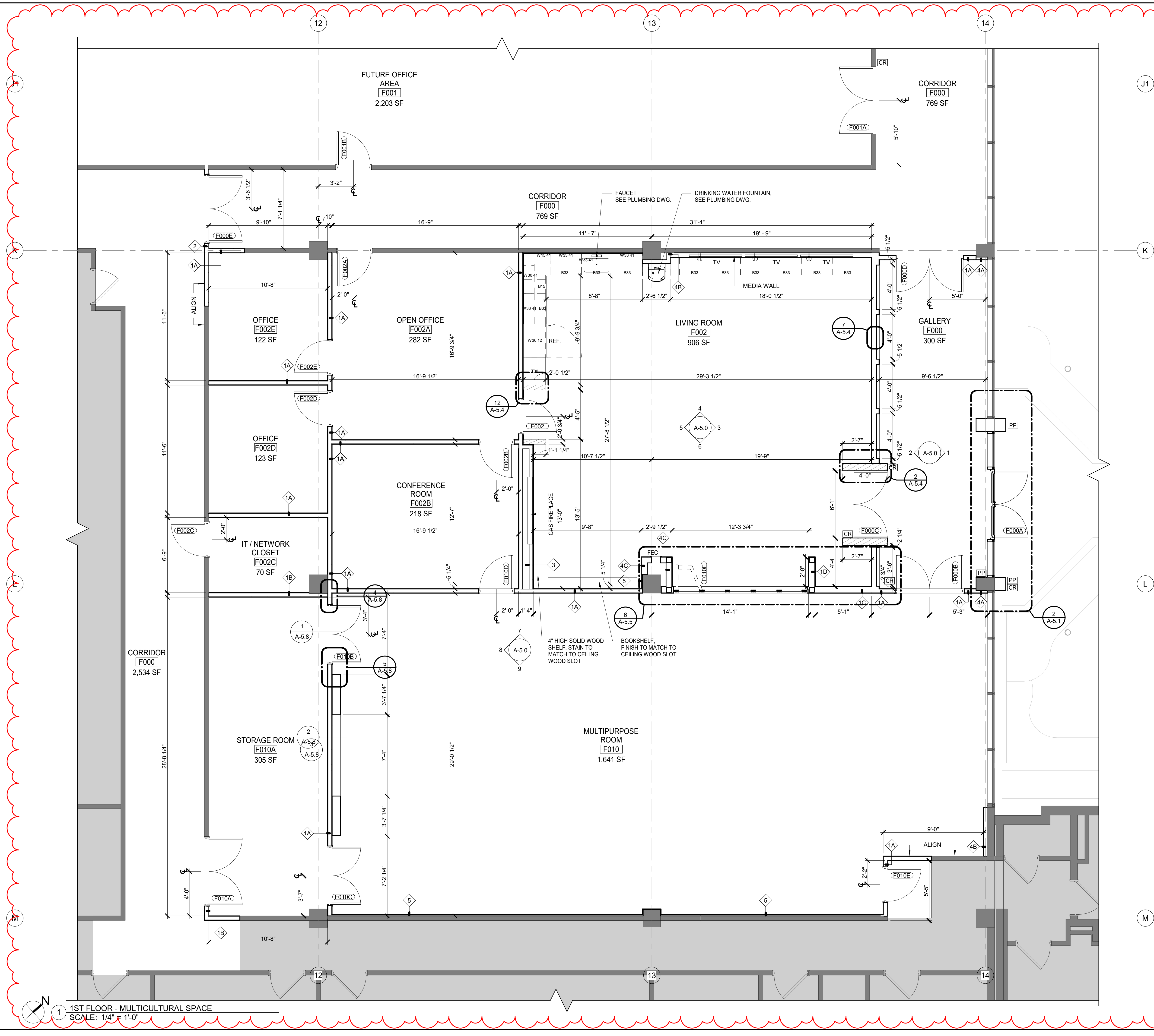
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CHECKED BY: GM		

PROJECT NUMBER:
P21-008

SHEET TITLE:
EXISTING ROOF PLAN

SHEET NUMBER:
A-3.0



SHEET NOTES

- REFER TO DRAWING G-1.1 FOR ALL GRAPHIC SYMBOLS.
- REFER TO ELECTRICAL DRAWINGS FOR EXIT SIGNAGE.
- ALL MEANS OF EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

CONSTRUCTION KEY NOTES

LEGEND

	NEW WALL, V.I.F.		CARD READER
	EXISTING WALL, V.I.F.		PUSH PLATE
	LINE OF SCOPE OF WORK		
	DIMENSION TAKEN		
	DOOR IDENTIFICATION		
	WINDOW OR LOUVER TYPE		
	PARTITION TYPE (REFER TO PARTITION TYPE SHEET)		

KEY PLAN

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ISSUE DATE: 08-16-2021		
DRAWN BY: JC		
CHECKED BY: GM		
PROJECT NUMBER: P21-008		
SHEET TITLE: ENLARGED PLANS		
SHEET NUMBER: A-4.0		

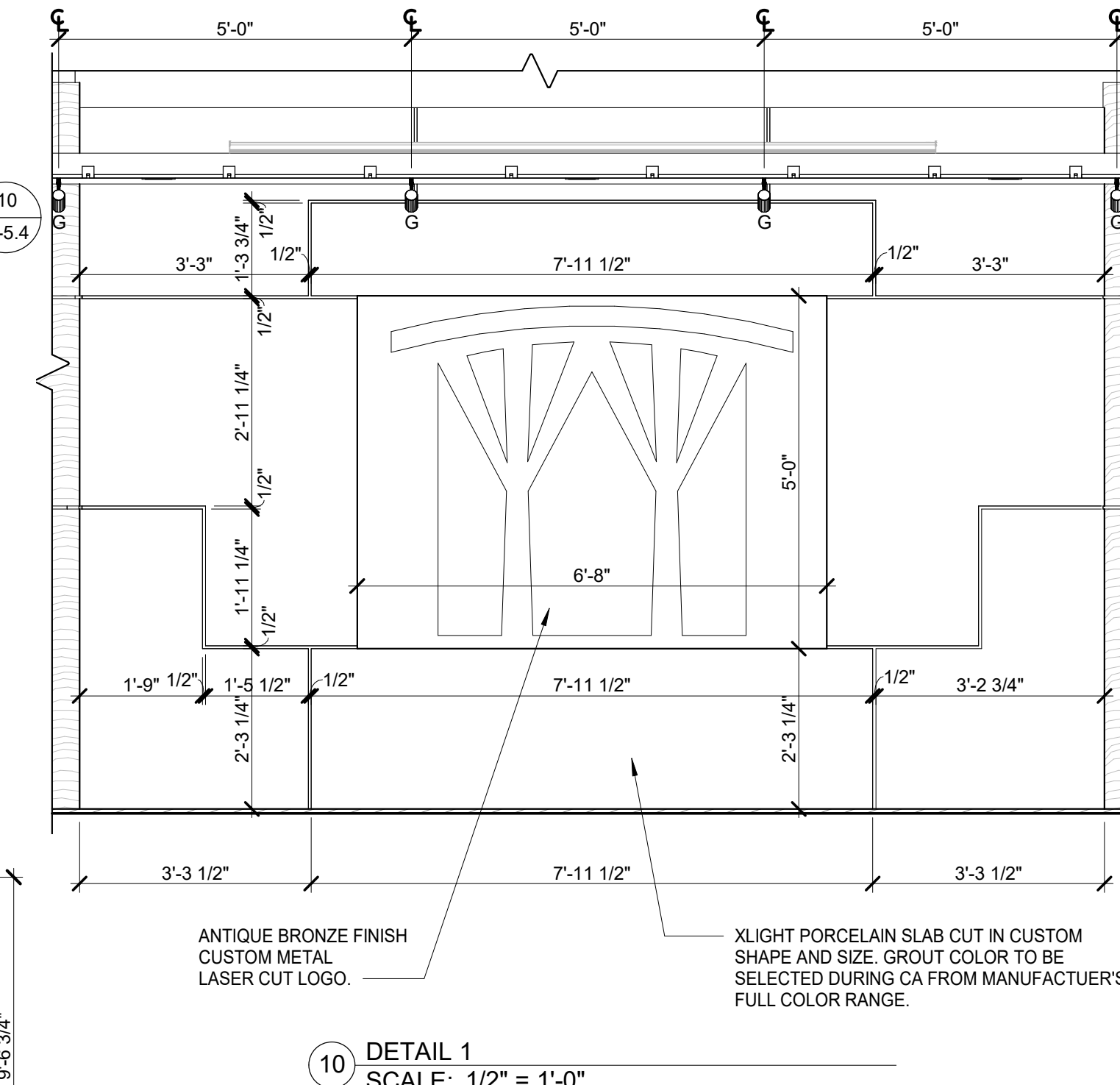
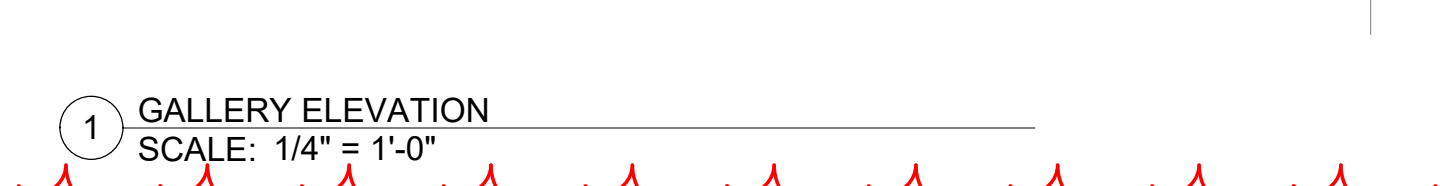
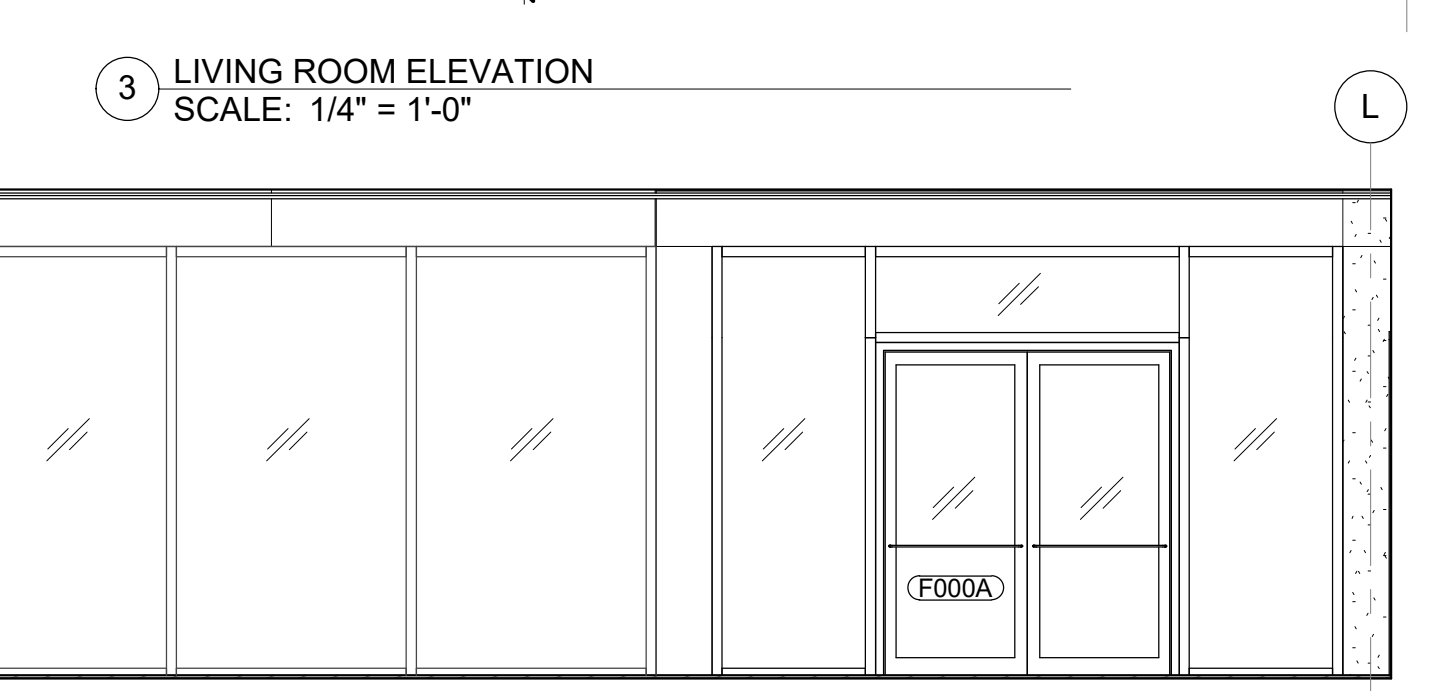
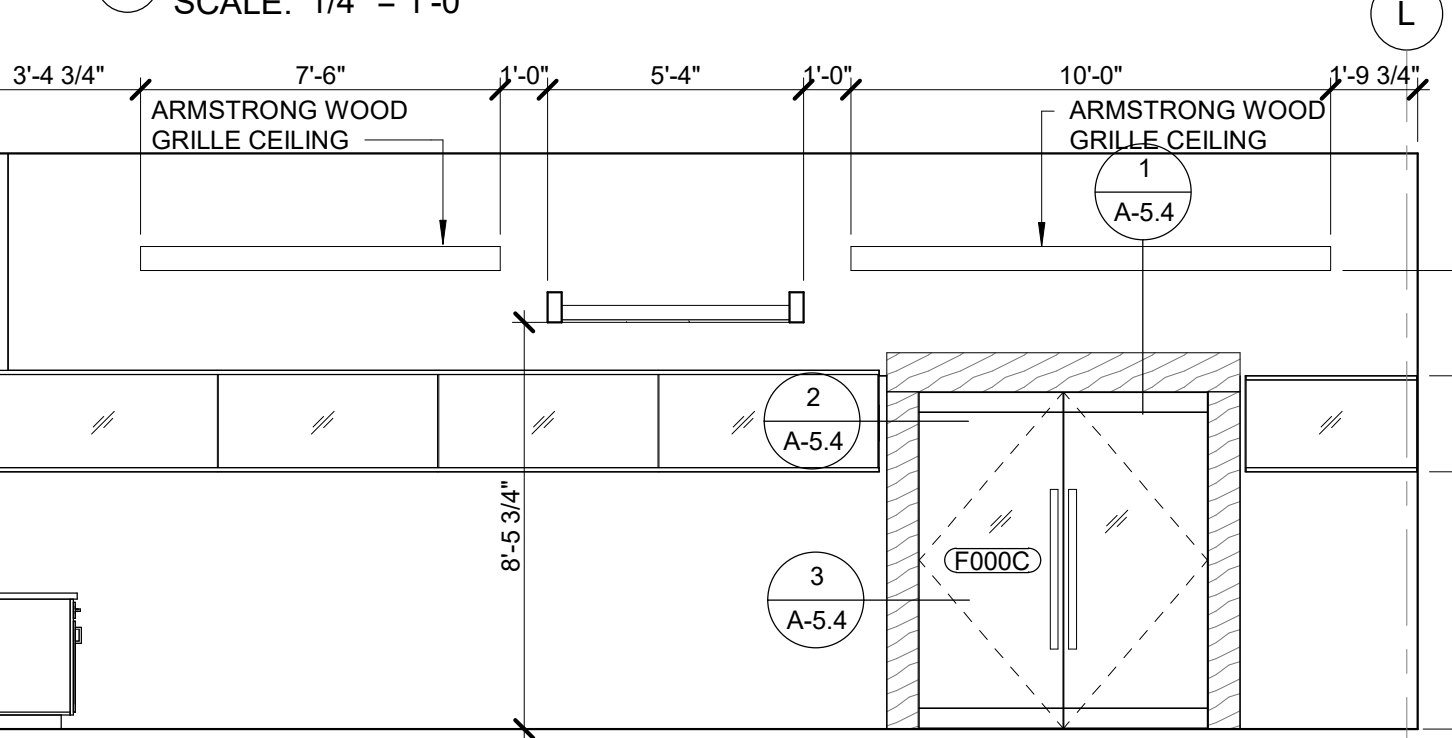
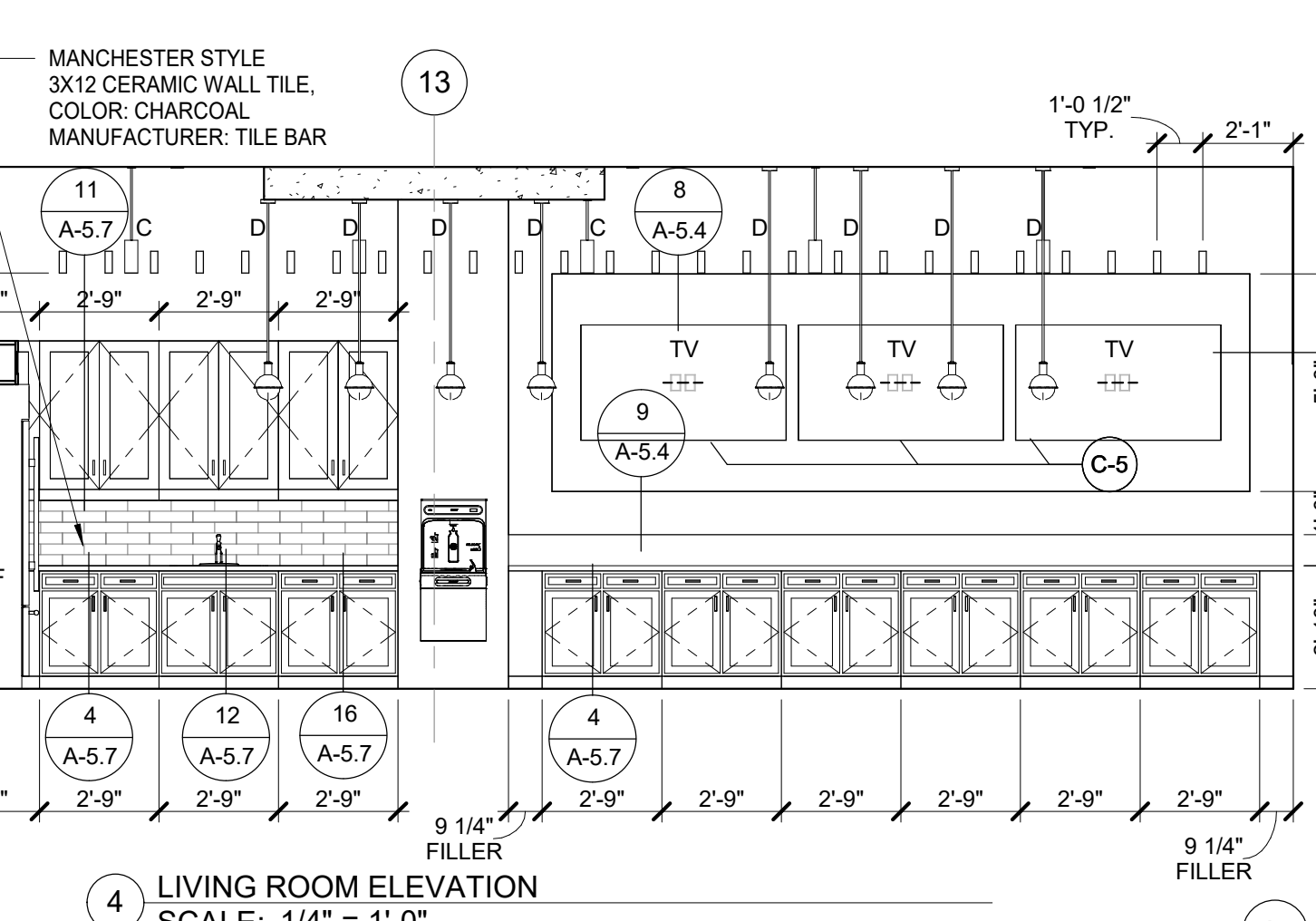
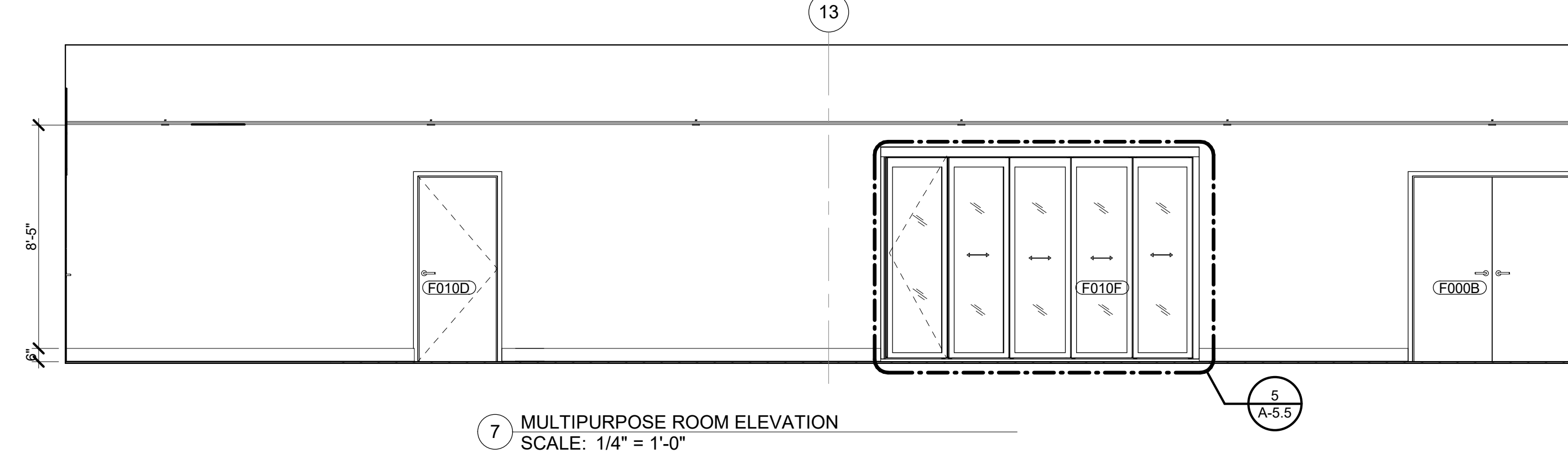
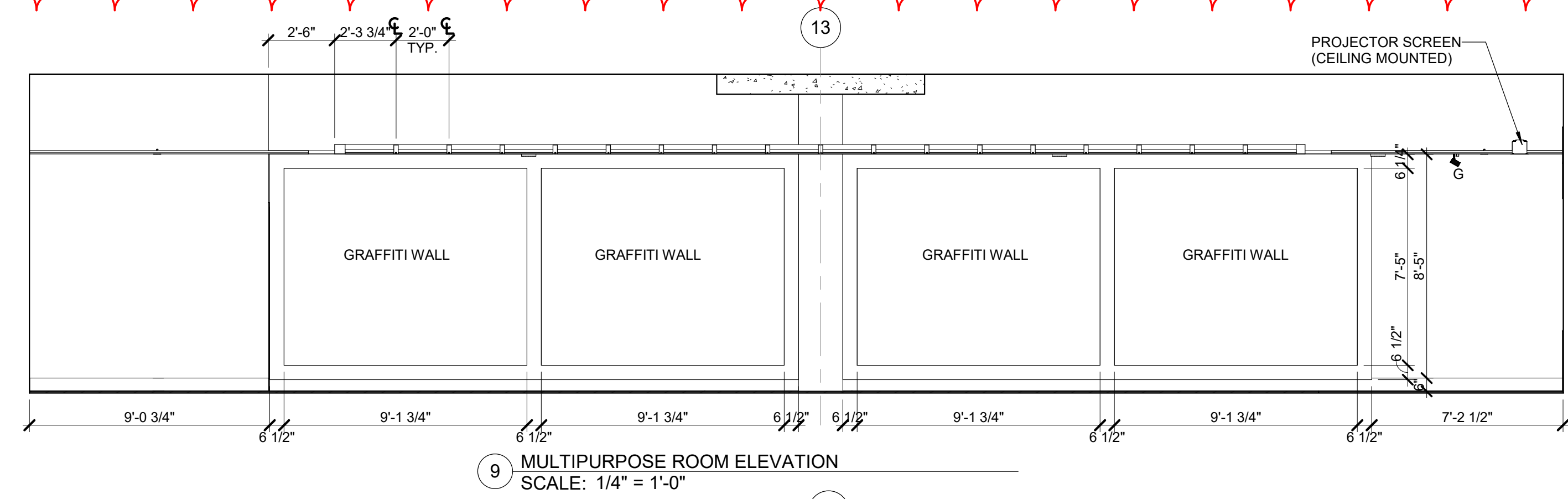
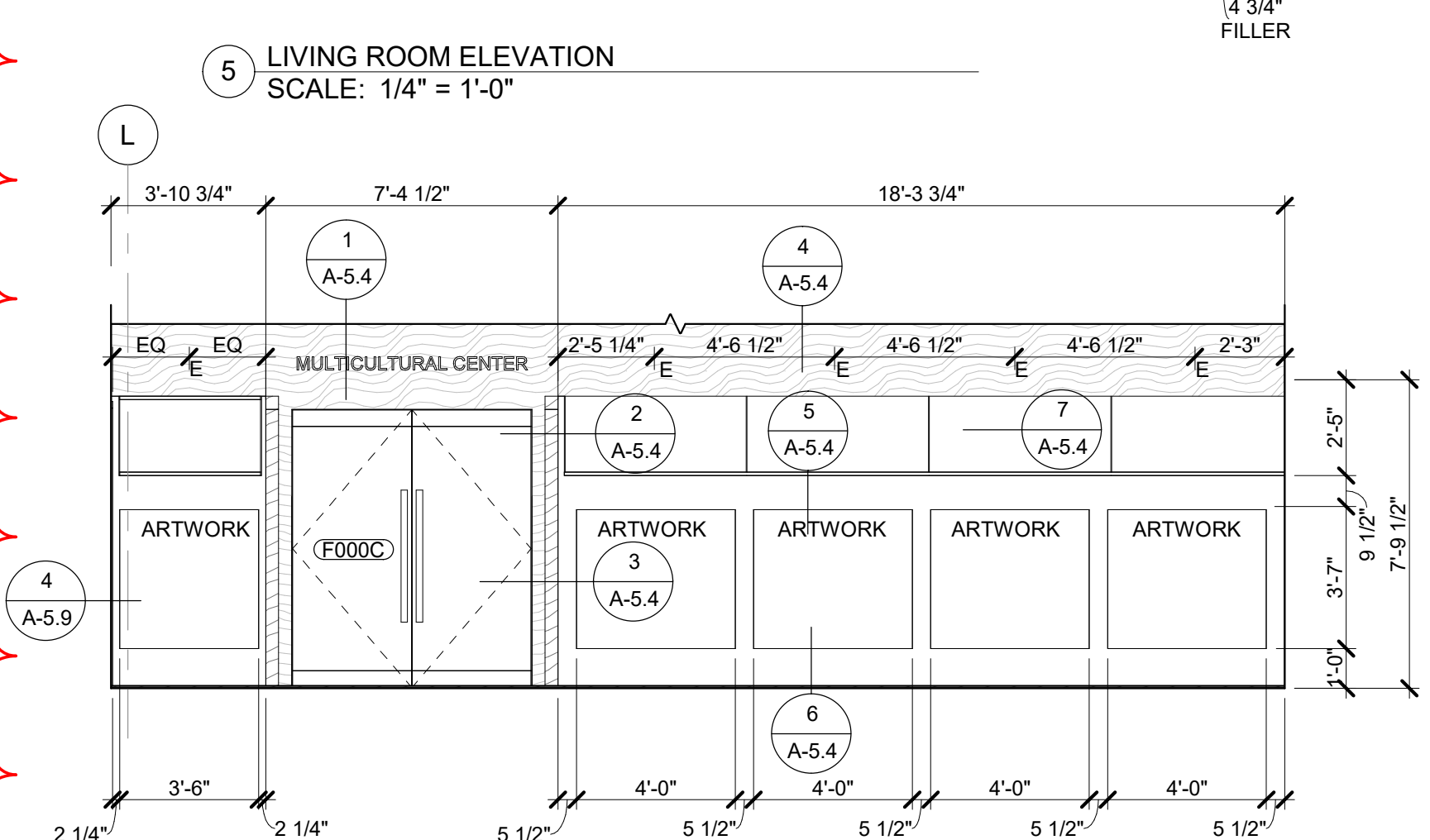
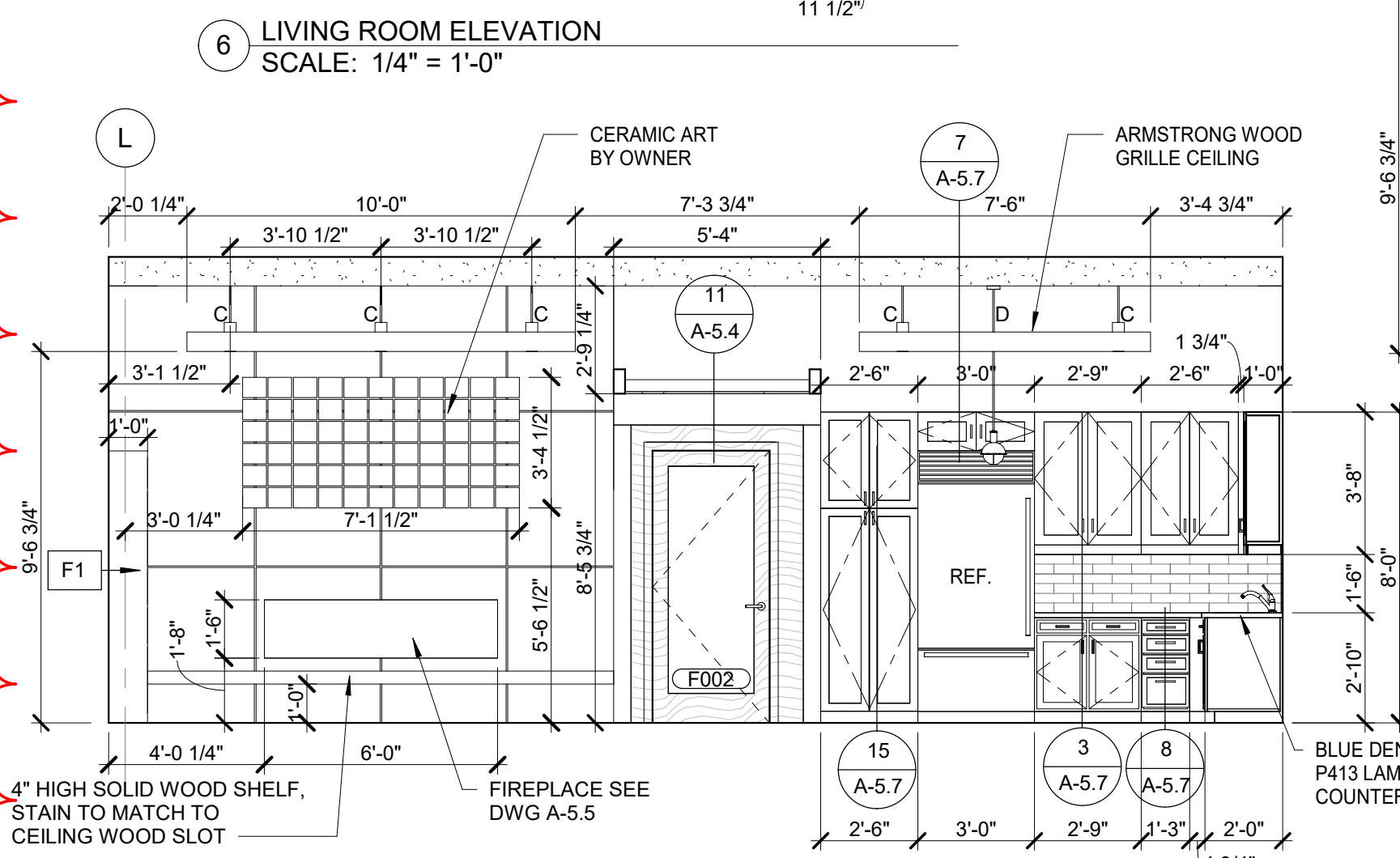
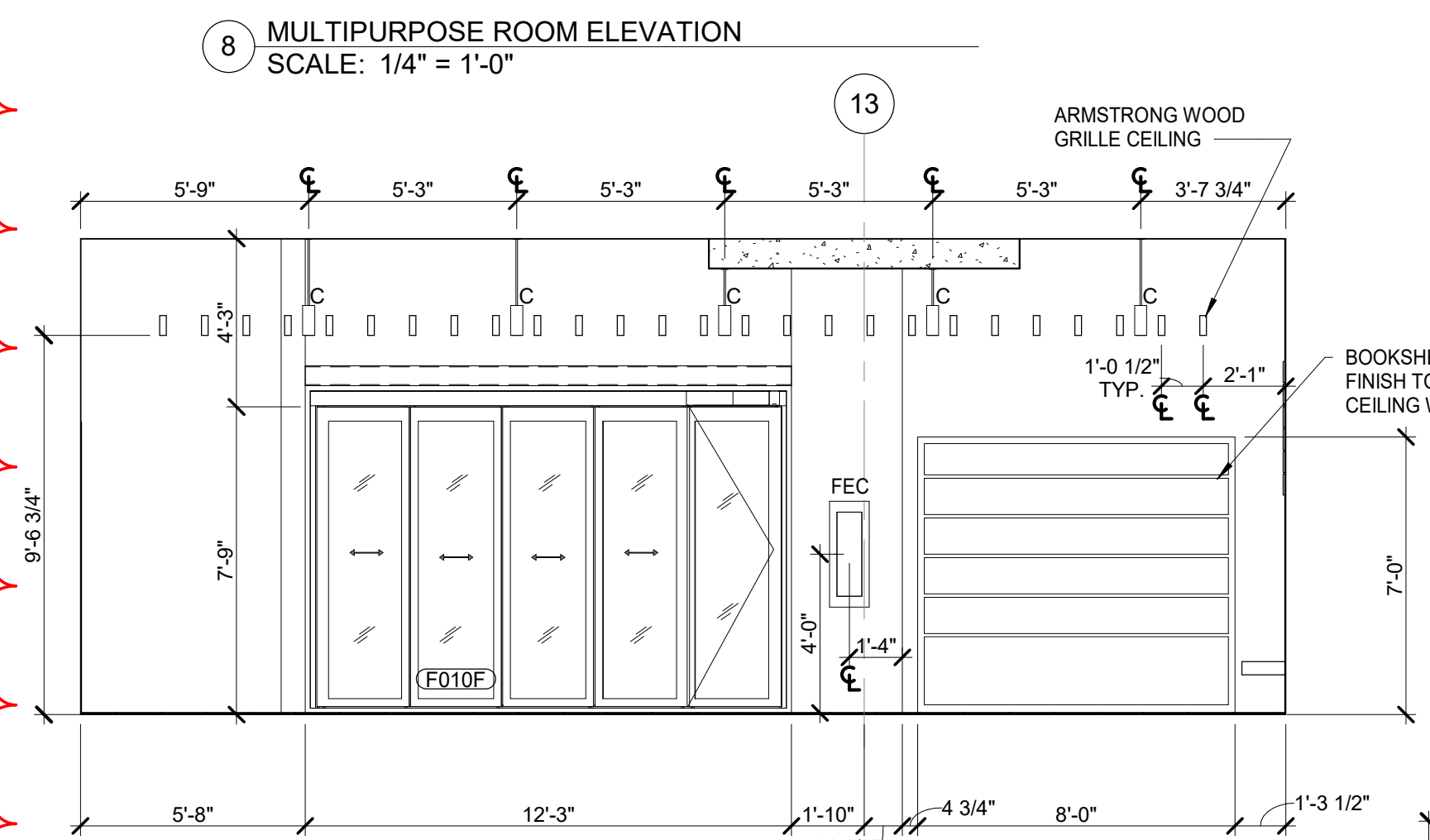
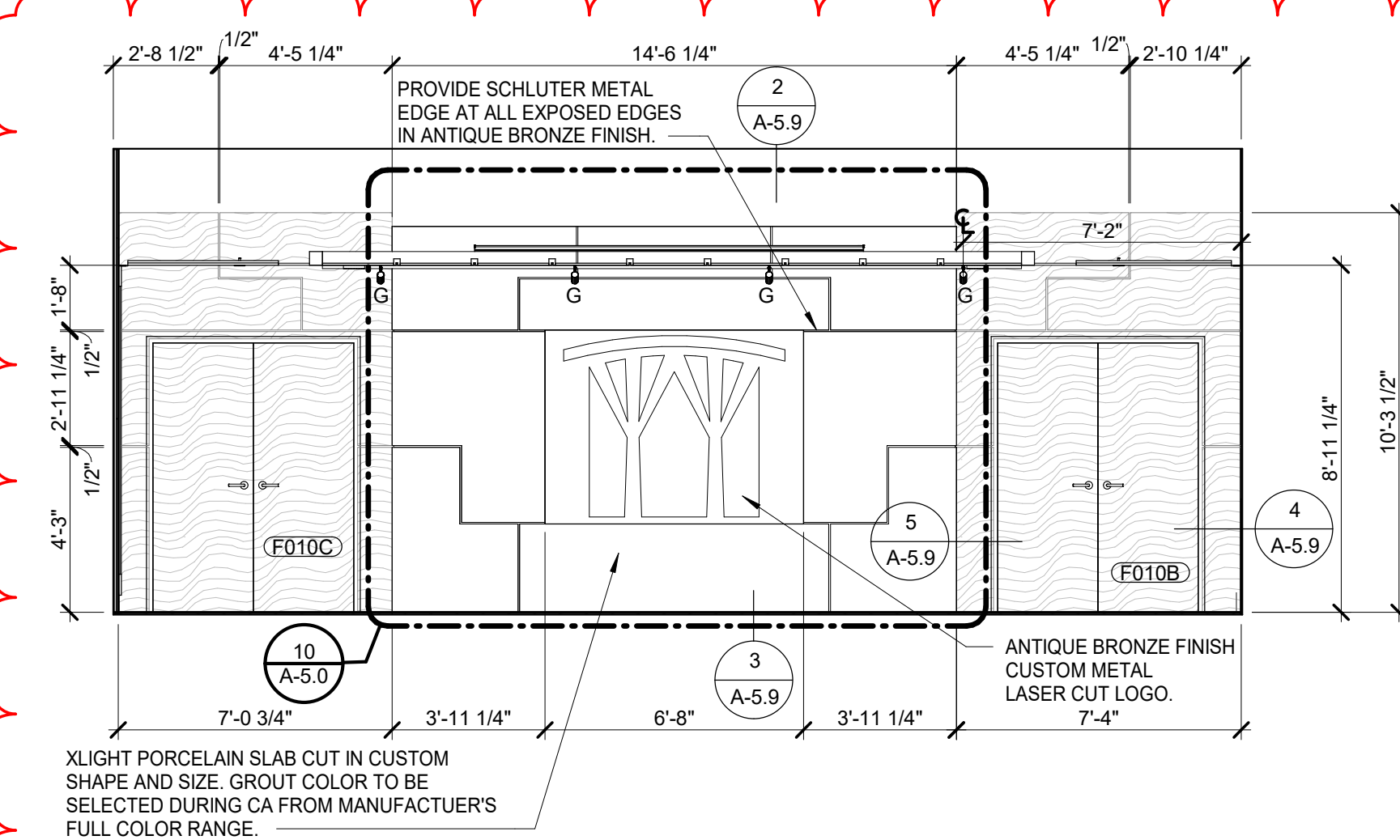
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SOUTH PLAINFIELD, NJ 07080
TELEPHONE:



- # SHEET NOTES

1. REFER TO DRAWINGS FOR ALL SPECIFICATIONS
2. DO NOT SCALE DRAWINGS
3. NOTIFY ARCHITECT FOR ON SITE INSPECTION OF EXTERIOR WALL PRIOR TO FABRICATION
4. NOTIFY ARCHITECT OF DISCREPANCIES, ERRORS OR OMISSIONS
5. CALL CHANGES TO BE MADE TO ARCHITECT'S SPECS
6. SUBMIT ALL FIXTURES AND FINISHES TO THE ARCHITECT FOR WRITTEN APPROVAL PRIOR TO PURCHASE, FABRICATION OR INSTALLATION
7. PROVIDE 10 SF MOCK UP OF NEW FINISHES FOR ON SITE APPROVAL BY ARCHITECT
8. REFER TO A-9.0 FOR PARTITION TYPES AND NOTES
9. REFER TO A-12.1 FOR FINISH SCHEDULE
10. REFER TO ELECTRICAL DWGS AND E-6.0 FOR LIGHTING SCHEDULE AND ADDITIONAL INFORMATION
11. REFER TO T-1 & T-2 FOR APPLICABLE RENDERINGS
12. REFER TO A-5.5 FOR FIREPLACE INTERIOR DETAILS

CONSTRUCTION KEYNOTES

FINISH PLAN KEY

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LANDSCAPE ARCHITECT:

LANDSCAPE ARCHITECT.

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TELEPHONE:

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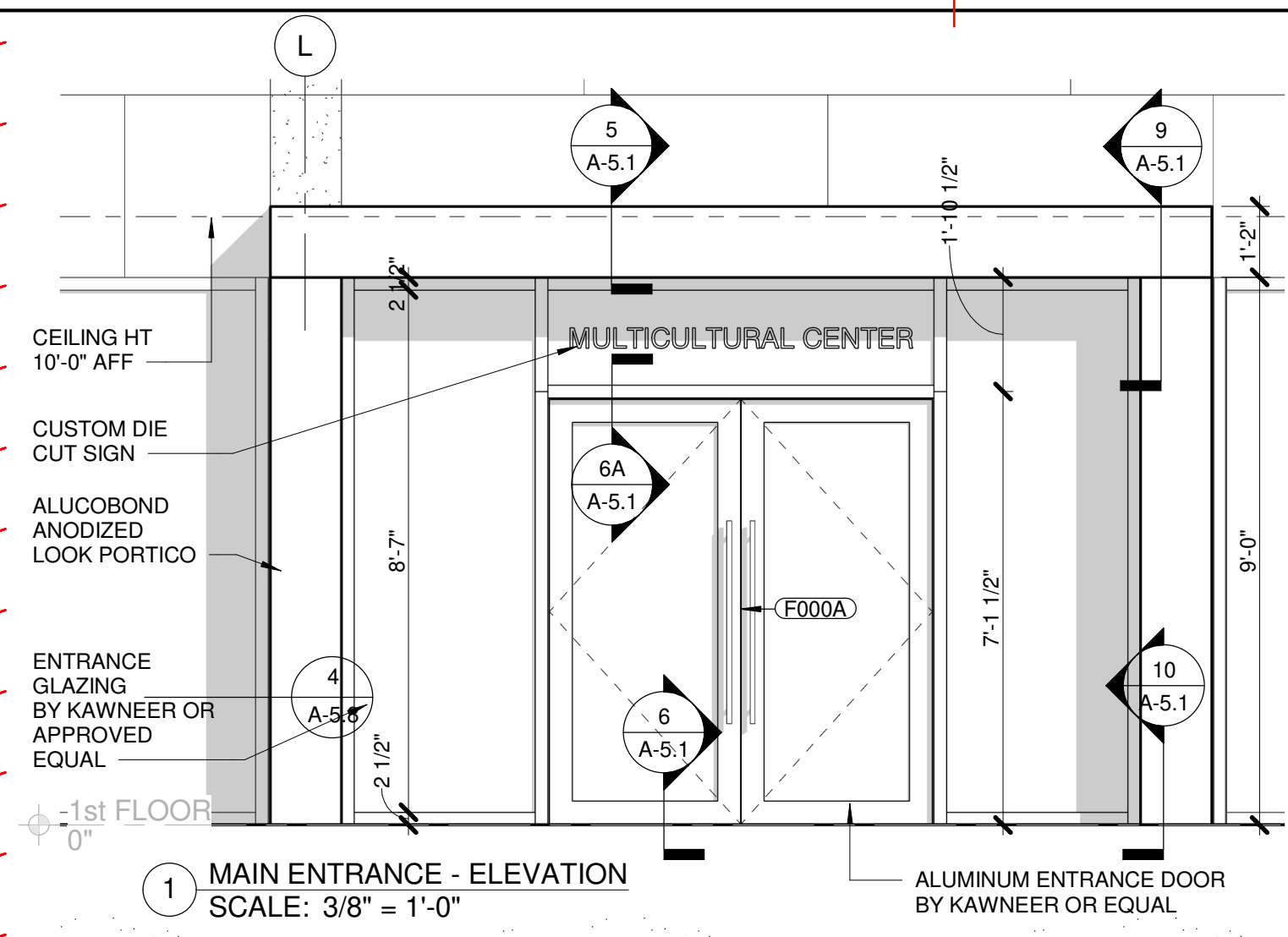
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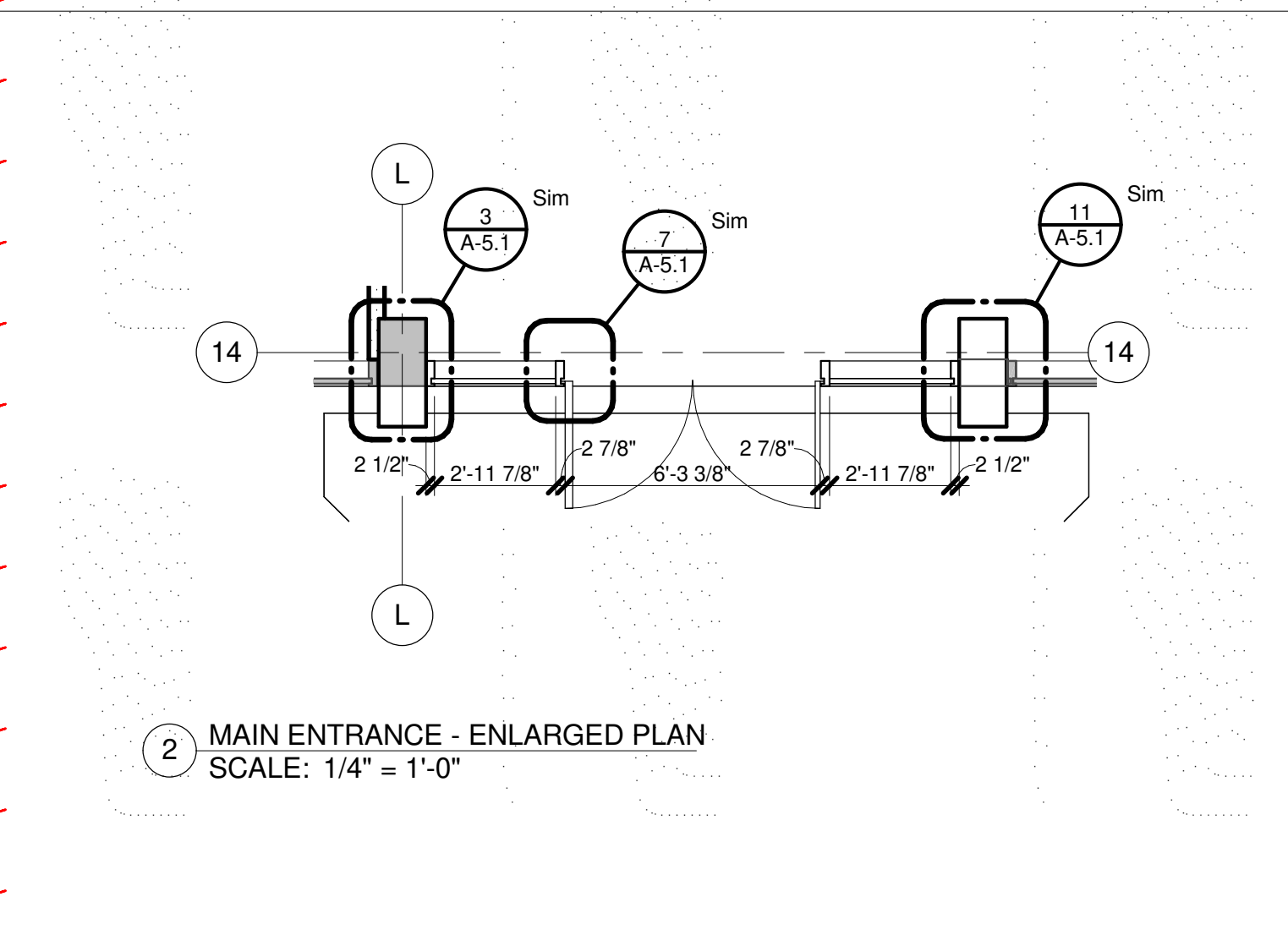
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INTERIOR ELEVATIONS

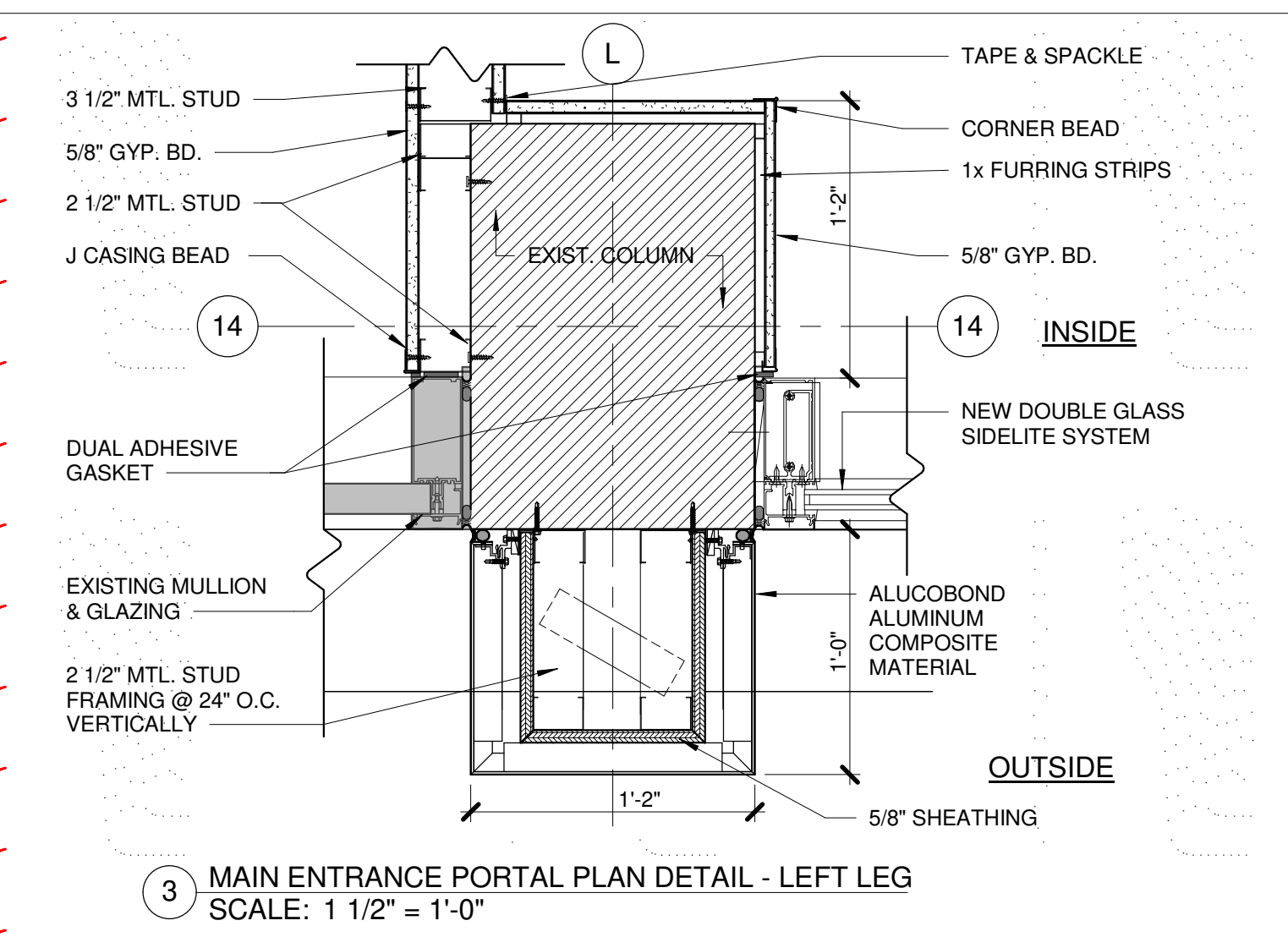
INTERIOR ELEVATIONS



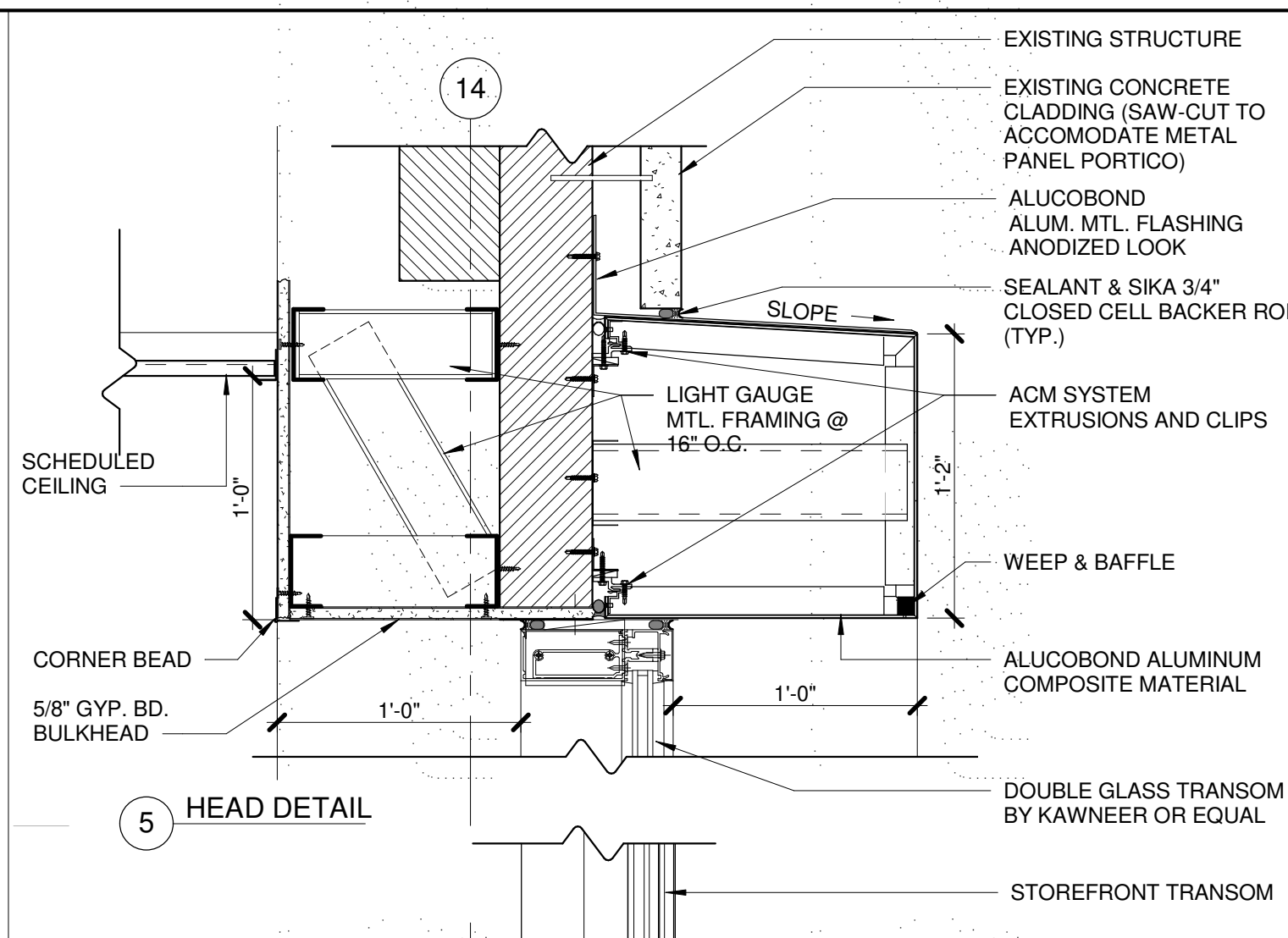
1 MAIN ENTRANCE - ELEVATION
SCALE: 3/8" = 1'-0"



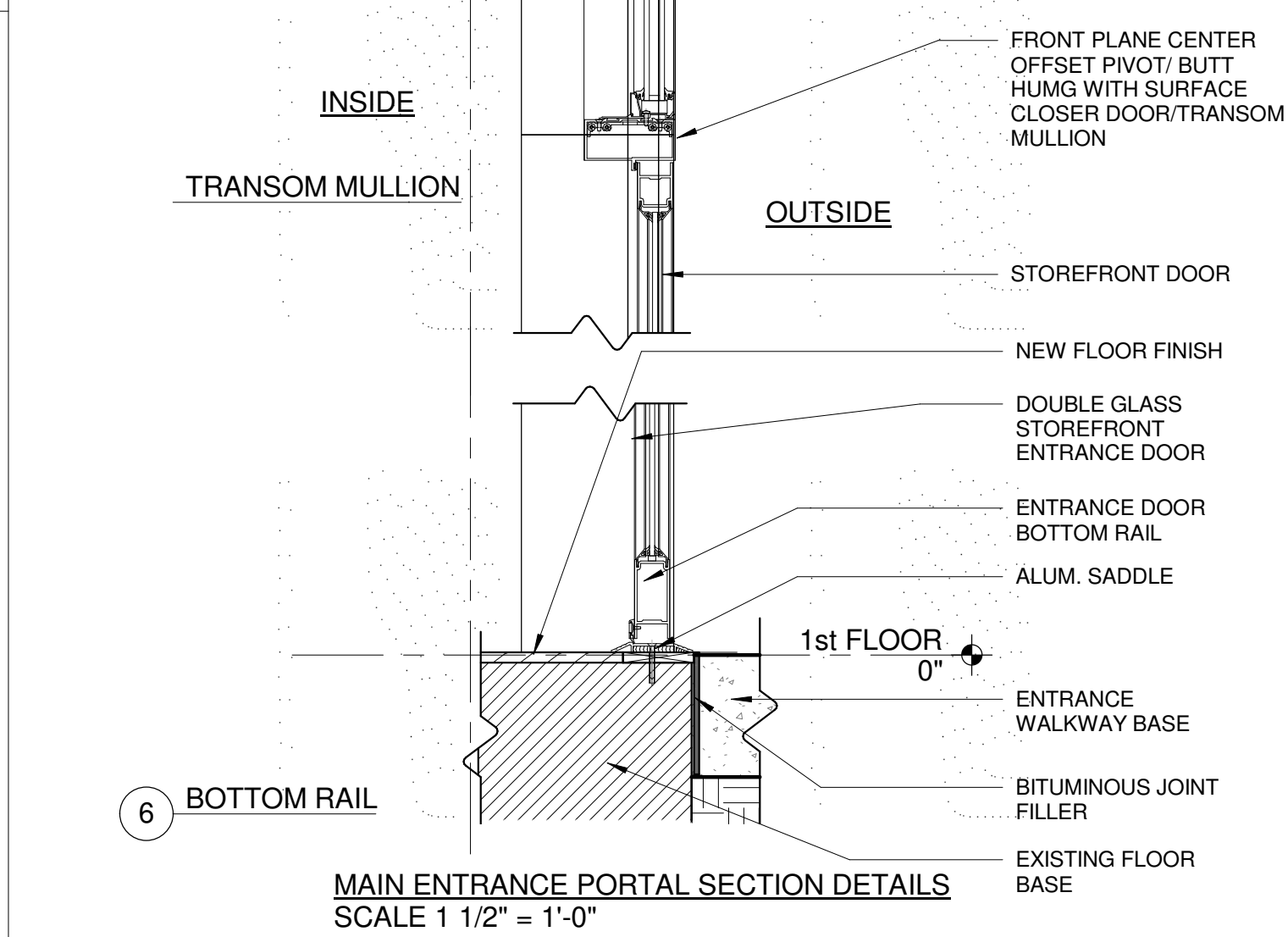
2 MAIN ENTRANCE - ENLARGED PLAN
SCALE: 1/4" = 1'-0"



3 MAIN ENTRANCE PORTAL PLAN DETAIL - LEFT LEG
SCALE: 1 1/2" = 1'-0"

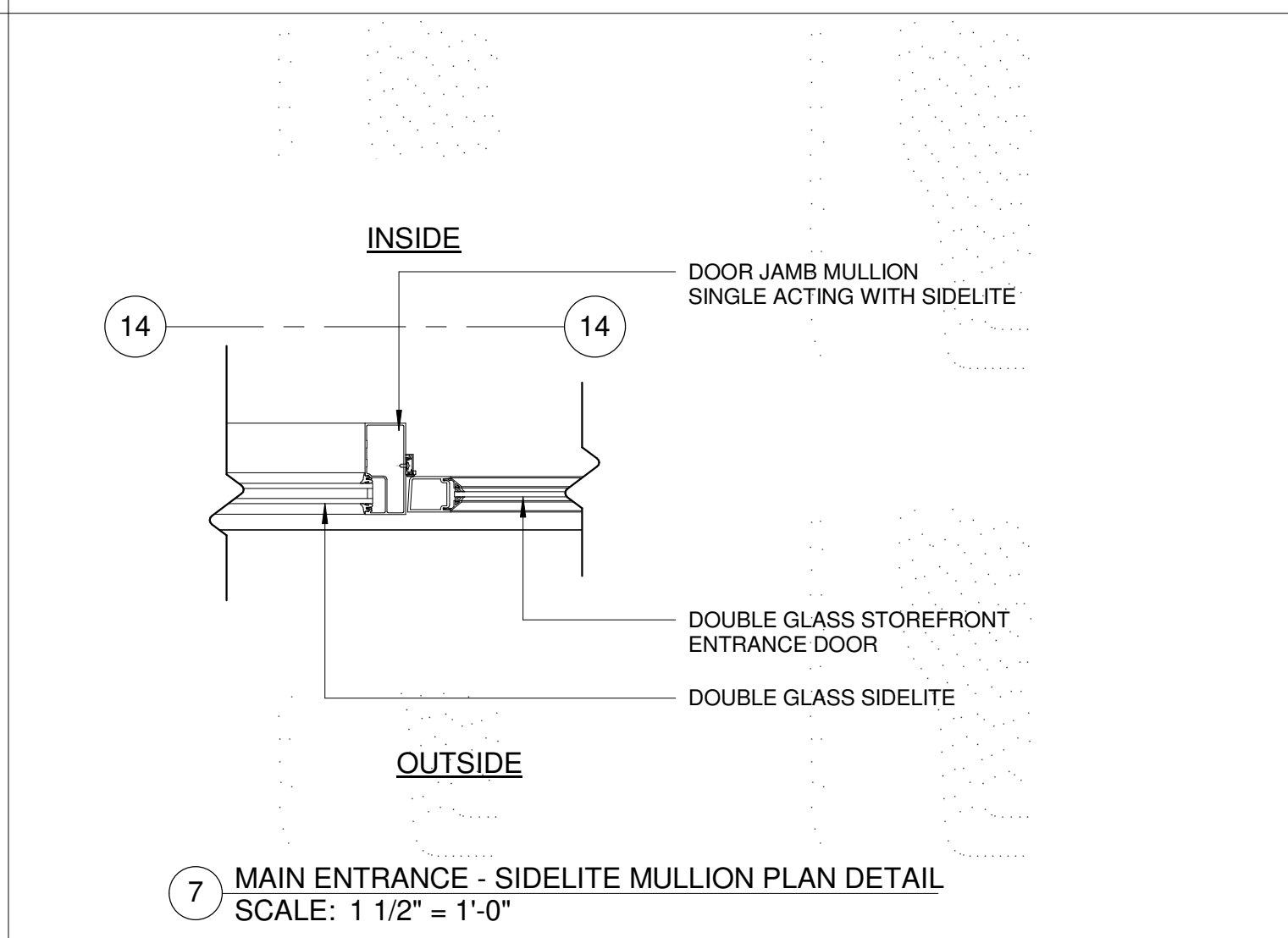


5 HEAD DETAIL

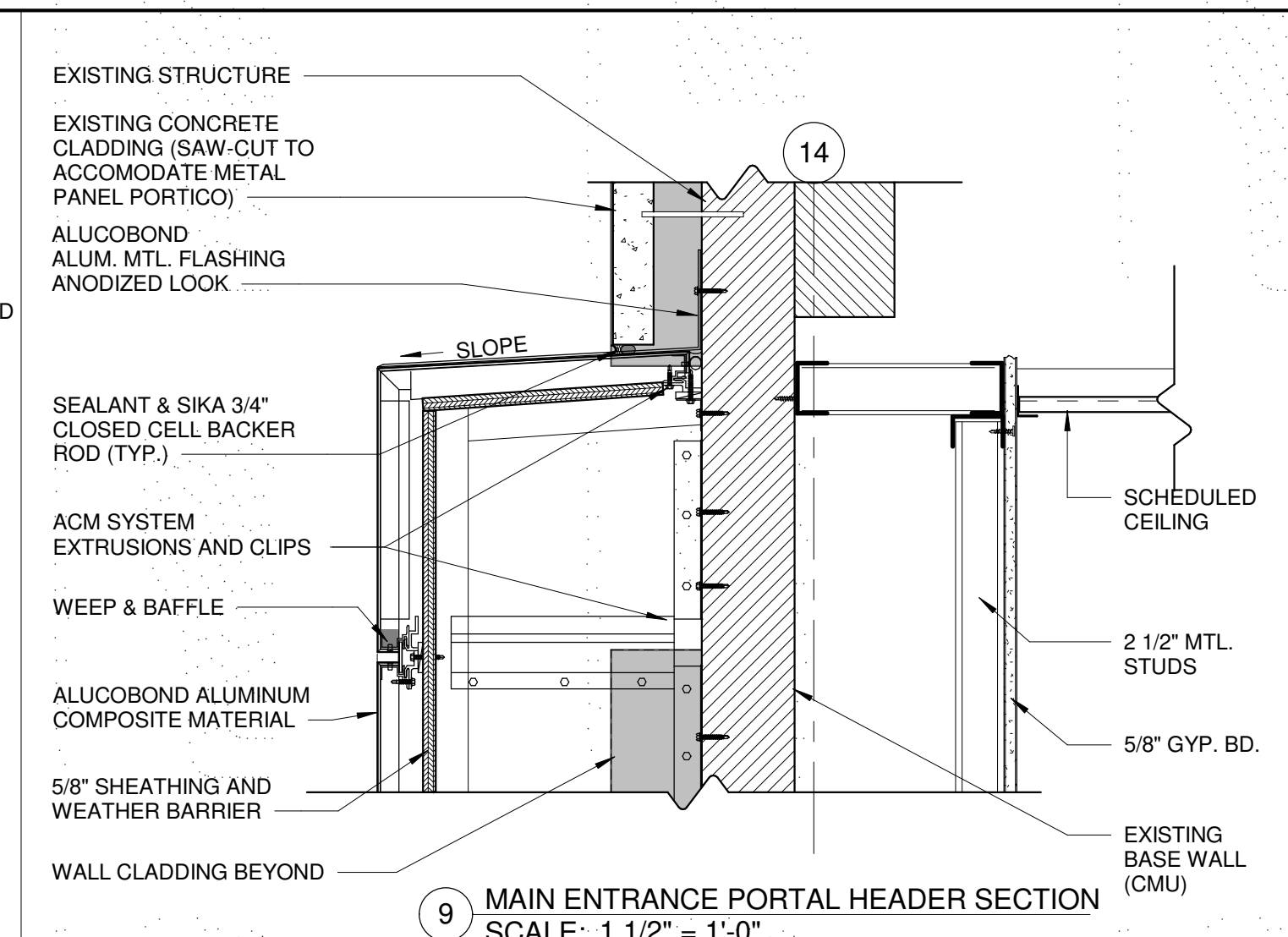


6 BOTTOM RAIL

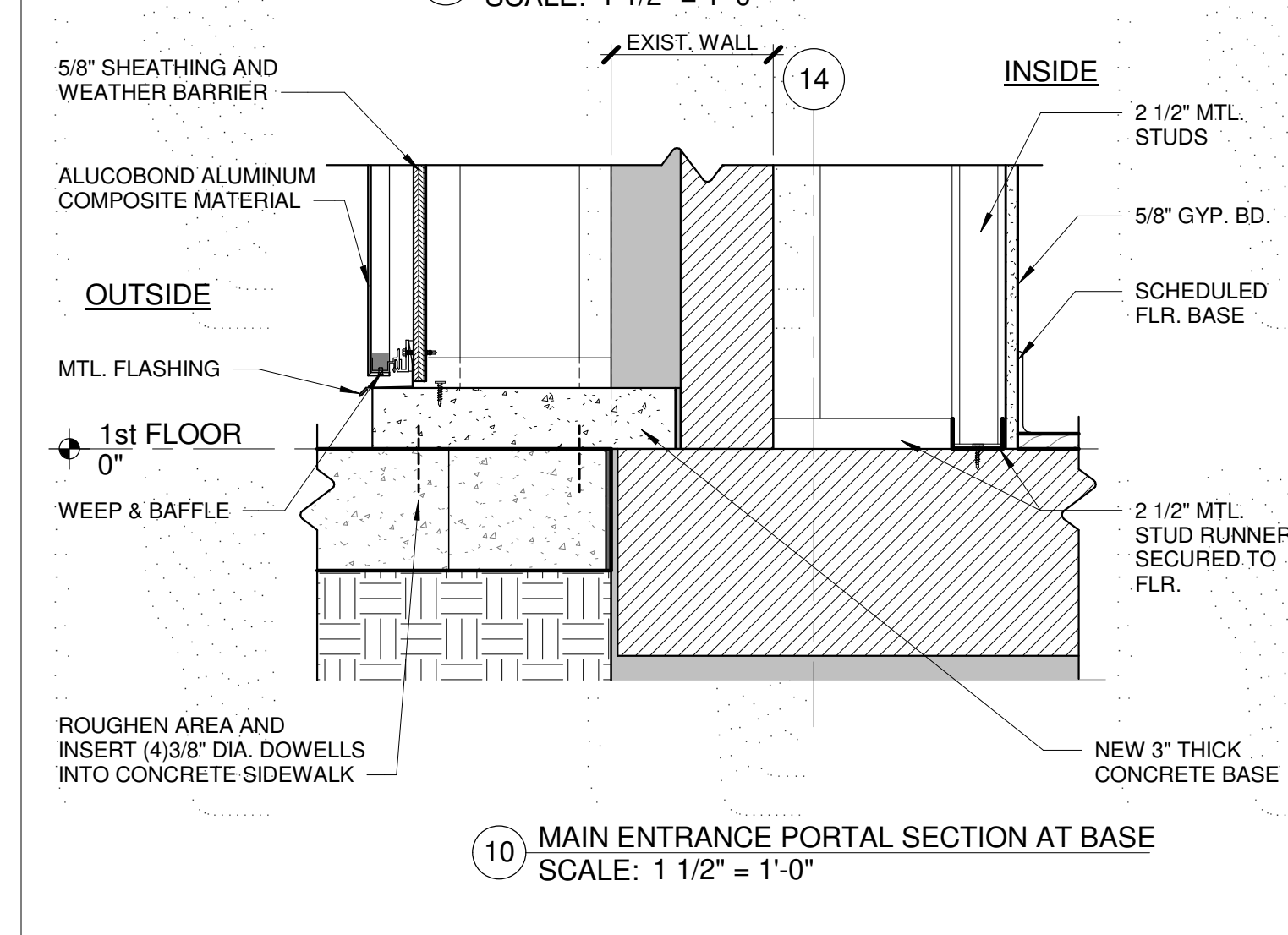
MAIN ENTRANCE PORTAL SECTION DETAILS
SCALE 1 1/2" = 1'-0"



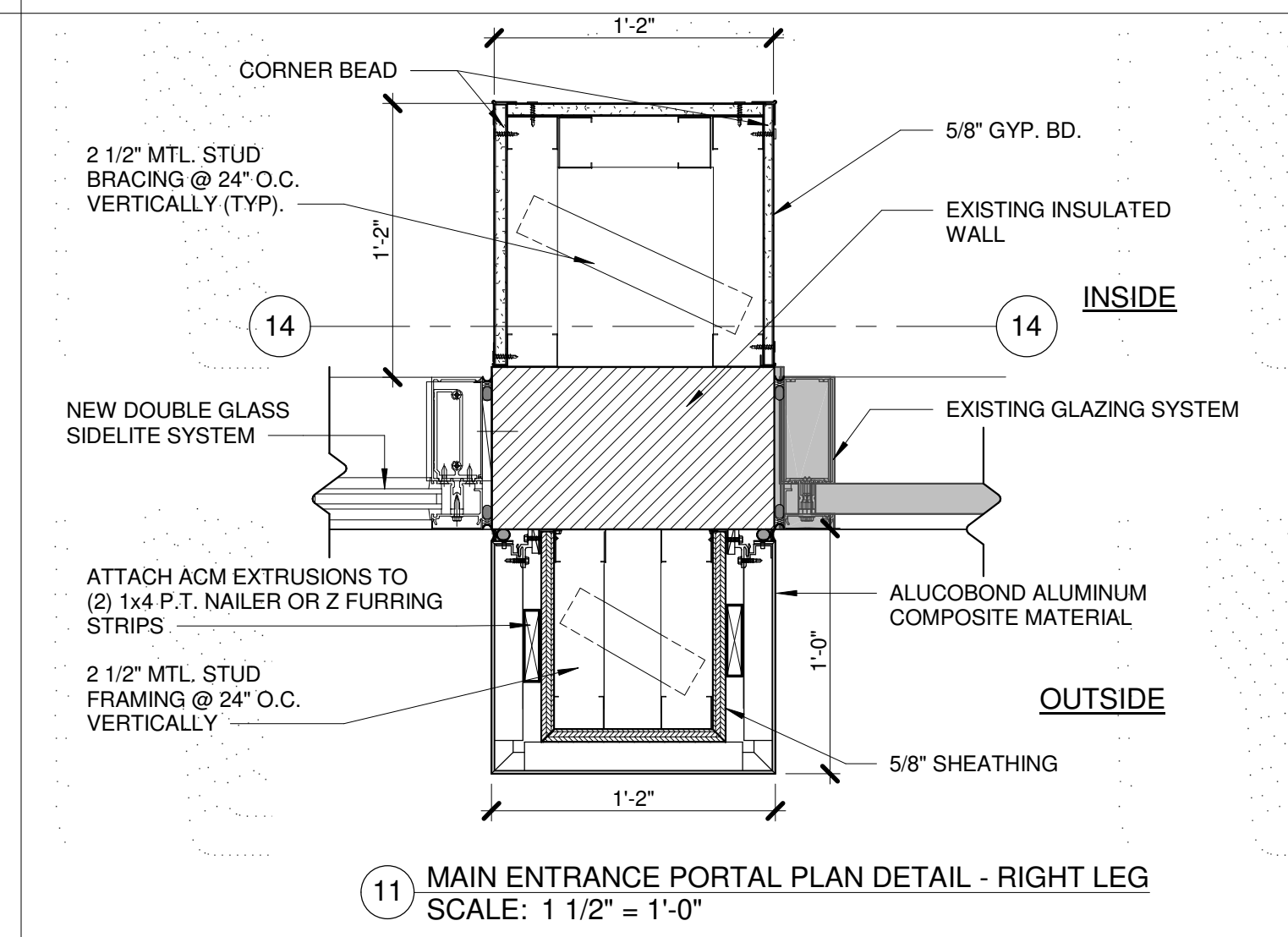
7 MAIN ENTRANCE - SIDELITE MULLION PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



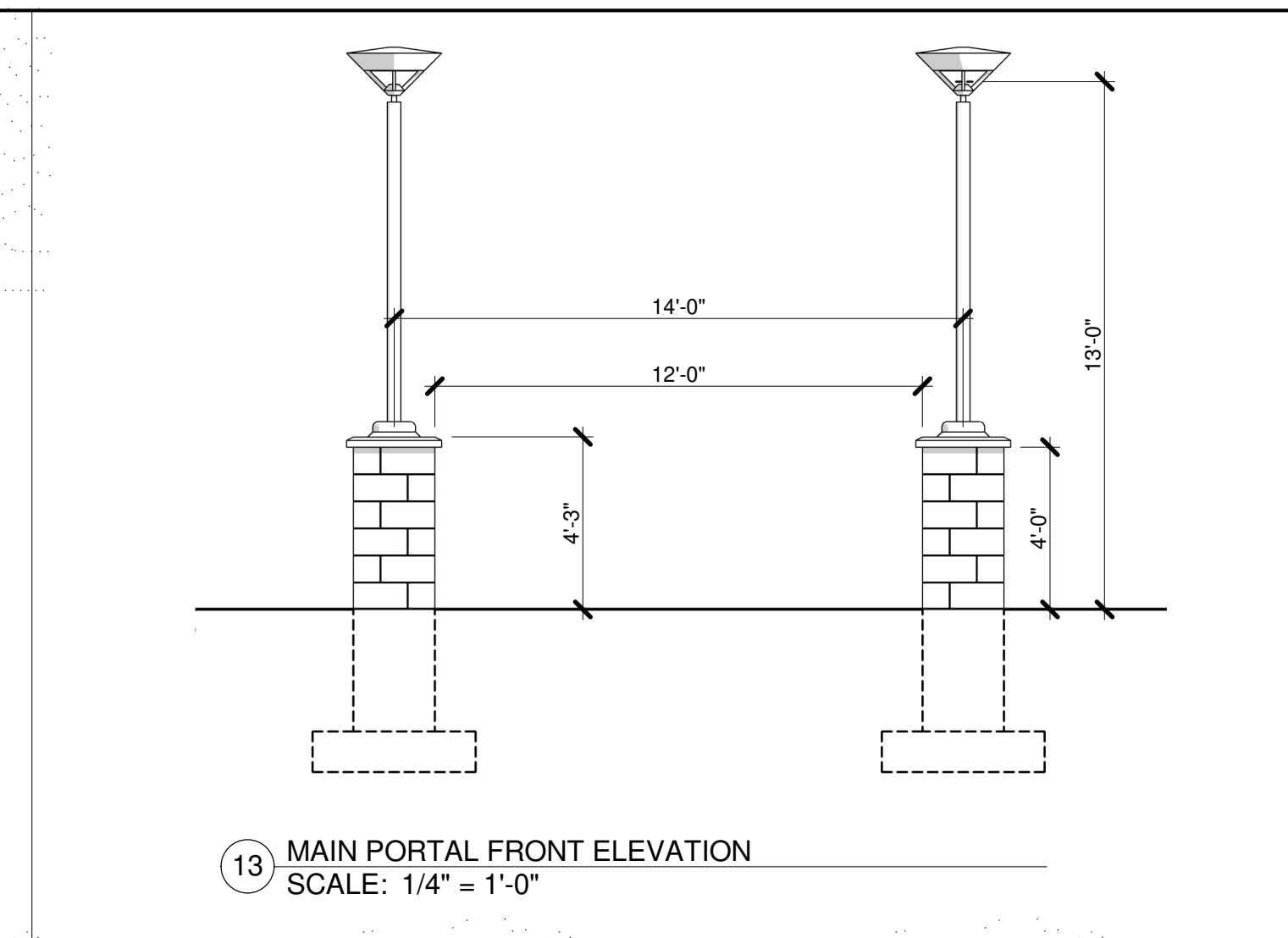
9 MAIN ENTRANCE PORTAL HEADER SECTION
SCALE: 1 1/2" = 1'-0"



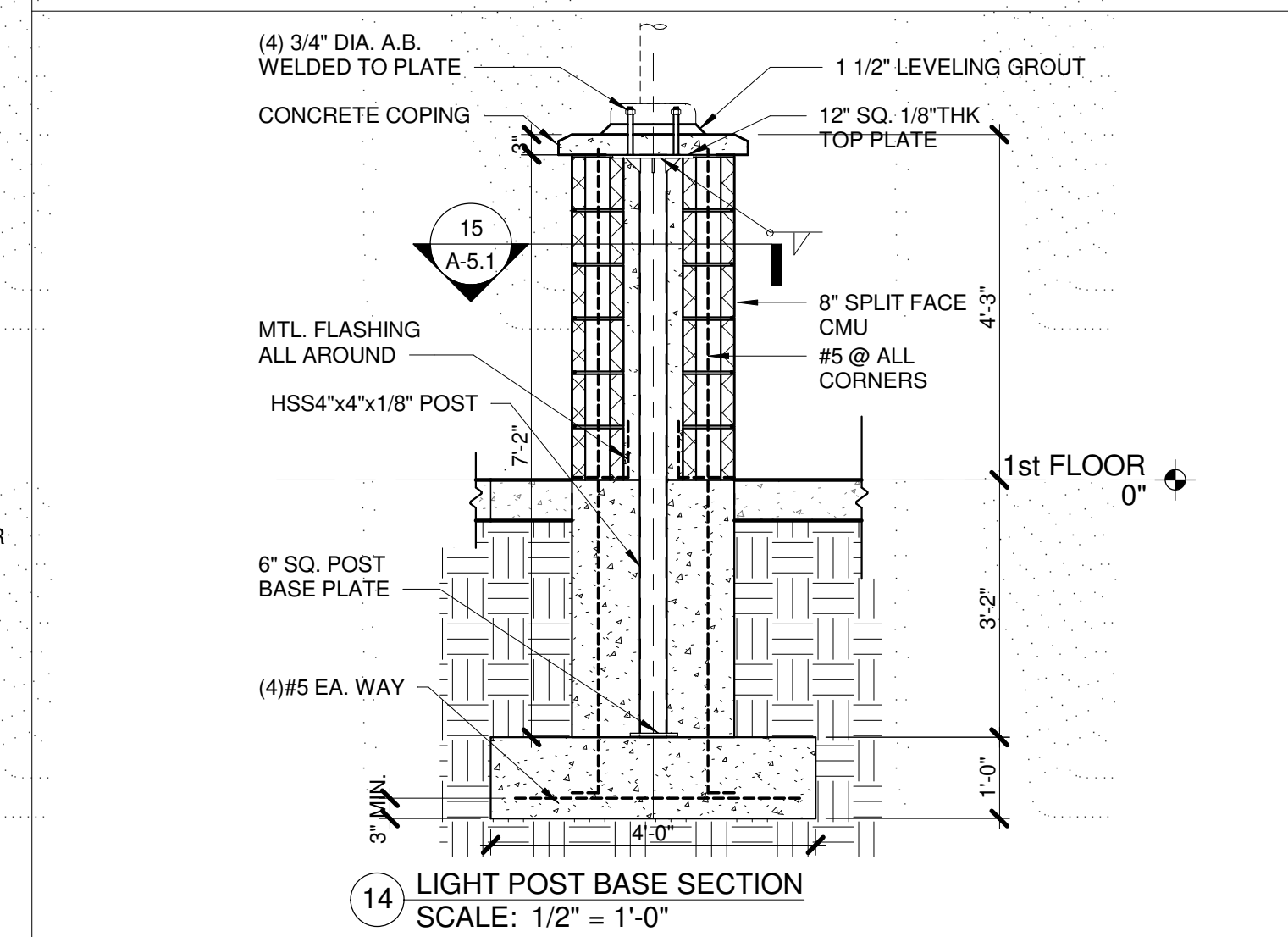
10 MAIN ENTRANCE PORTAL SECTION AT BASE
SCALE: 1 1/2" = 1'-0"



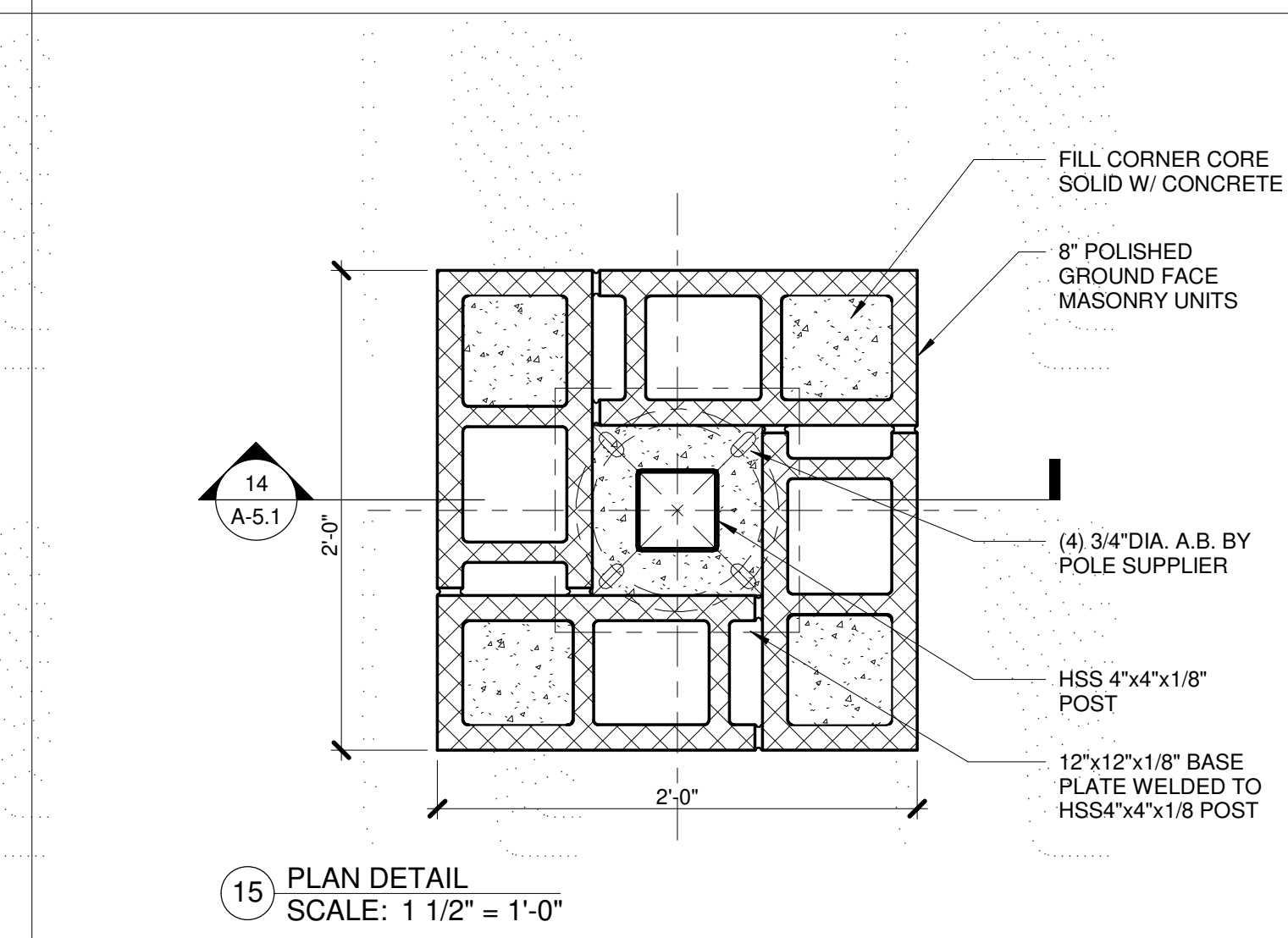
11 MAIN ENTRANCE PORTAL PLAN DETAIL - RIGHT LEG
SCALE: 1 1/2" = 1'-0"



13 MAIN PORTAL FRONT ELEVATION
SCALE: 1/4" = 1'-0"



14 LIGHT POST BASE SECTION
SCALE: 1/2" = 1'-0"



15 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

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PROJECT NUMBER: P21-008
SHEET TITLE: EXTERIOR ELEVATIONS & ENLARGED PLANS
SHEET NUMBER: A-5.1



RENDERING OF ENTRANCE TO COURTYARD

FINAL PROJECT DESIGN MAY VARY FROM ELEMENTS DEPICTED IN RENDERING



RENDERING OF COURTYARD FEATURE

FINAL PROJECT DESIGN MAY VARY FROM ELEMENTS DEPICTED IN RENDERING



RENDERING OF NEW ENTRANCE BUILDING

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RENDERING OF GALLERY

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PROJECT NUMBER:
P21-008

SHEET TITLE:
RENDERINGS

SHEET NUMBER:
A-5.2



RENDERING OF LIVING ROOM

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RENDERING OF LIVING ROOM

FINAL PROJECT DESIGN MAY VARY FROM ELEMENTS DEPICTED IN RENDERING



RENDERING OF MULTIPURPOSE ROOM

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RENDERING OF MULTIPURPOSE ROOM

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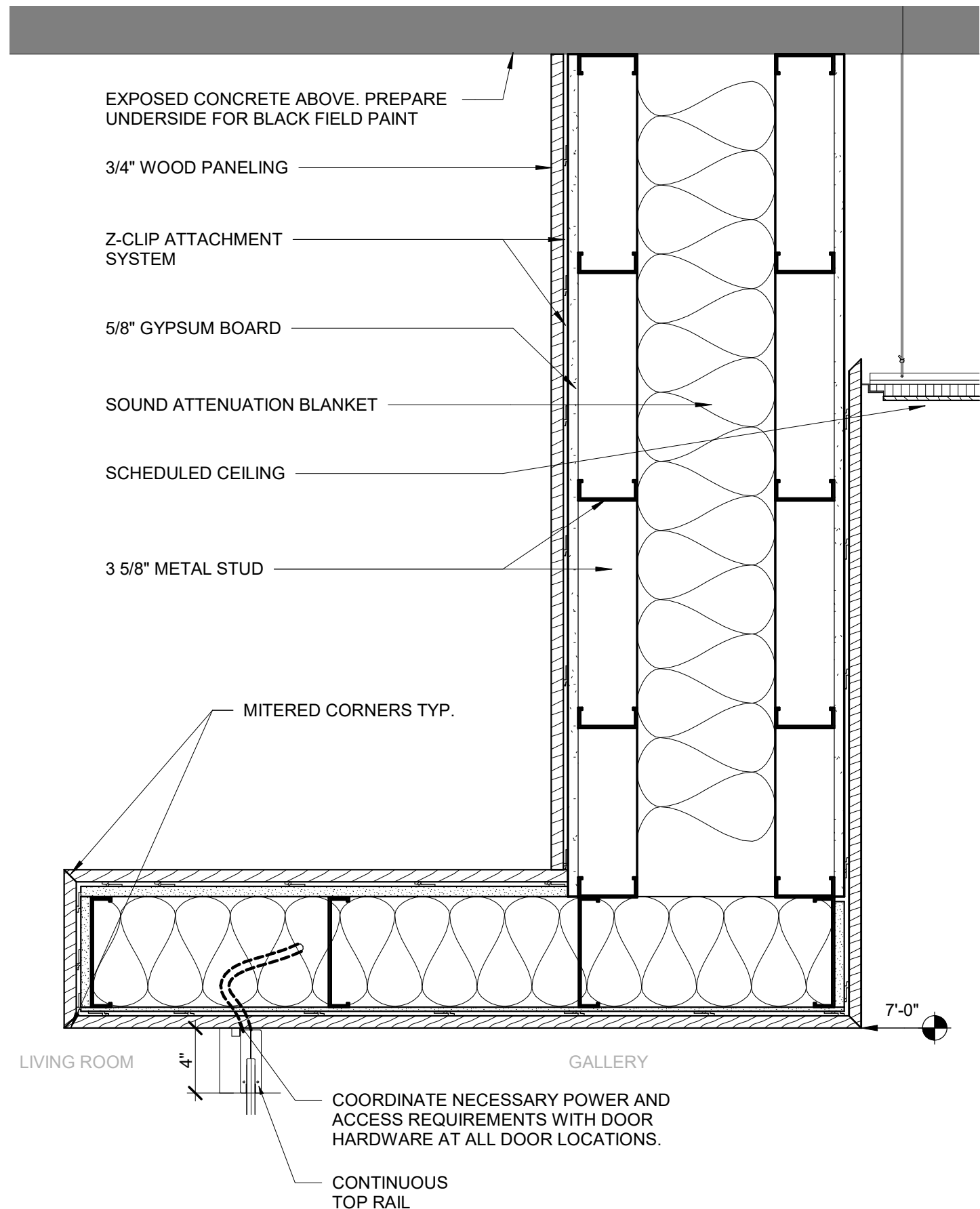
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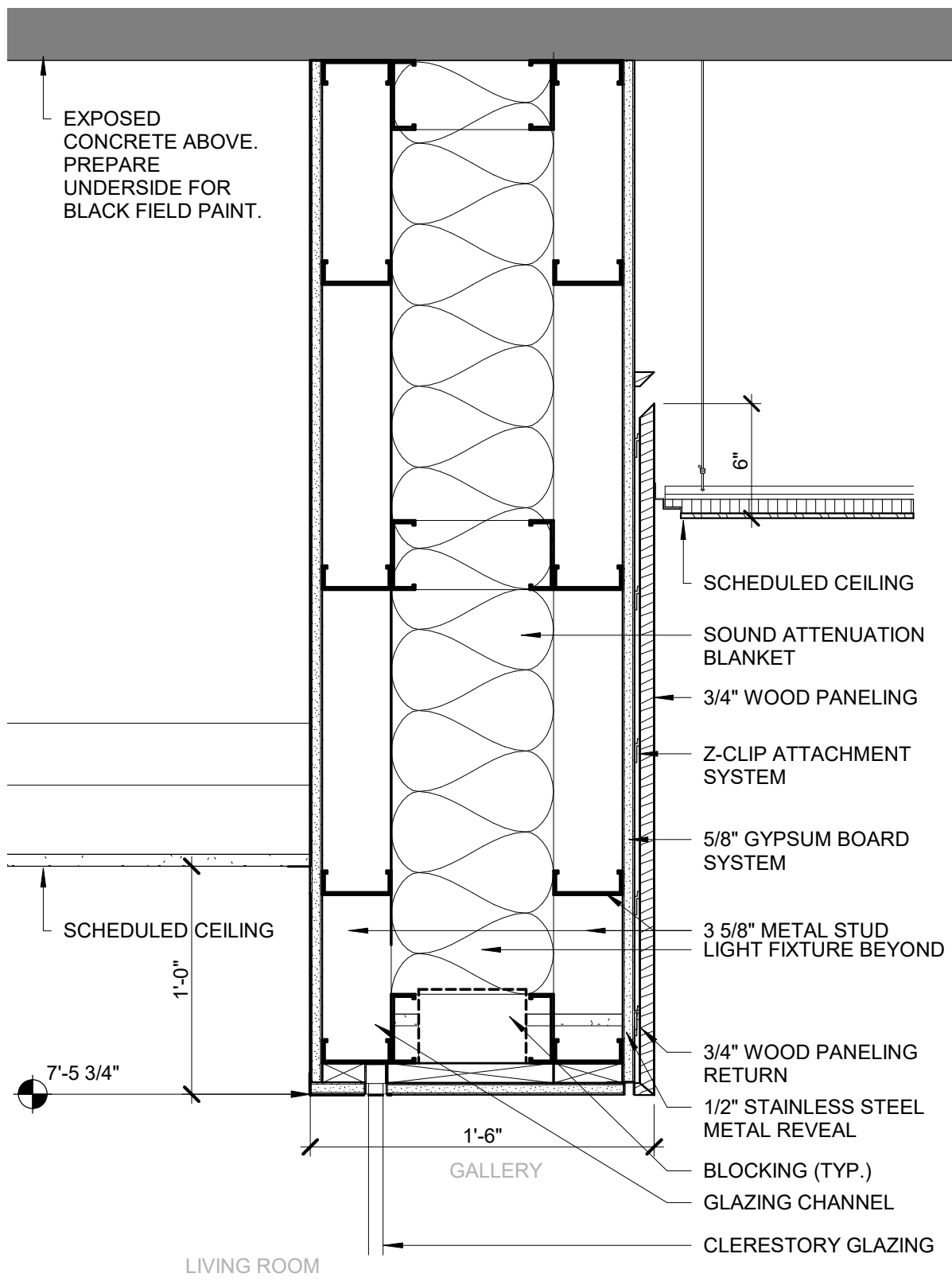
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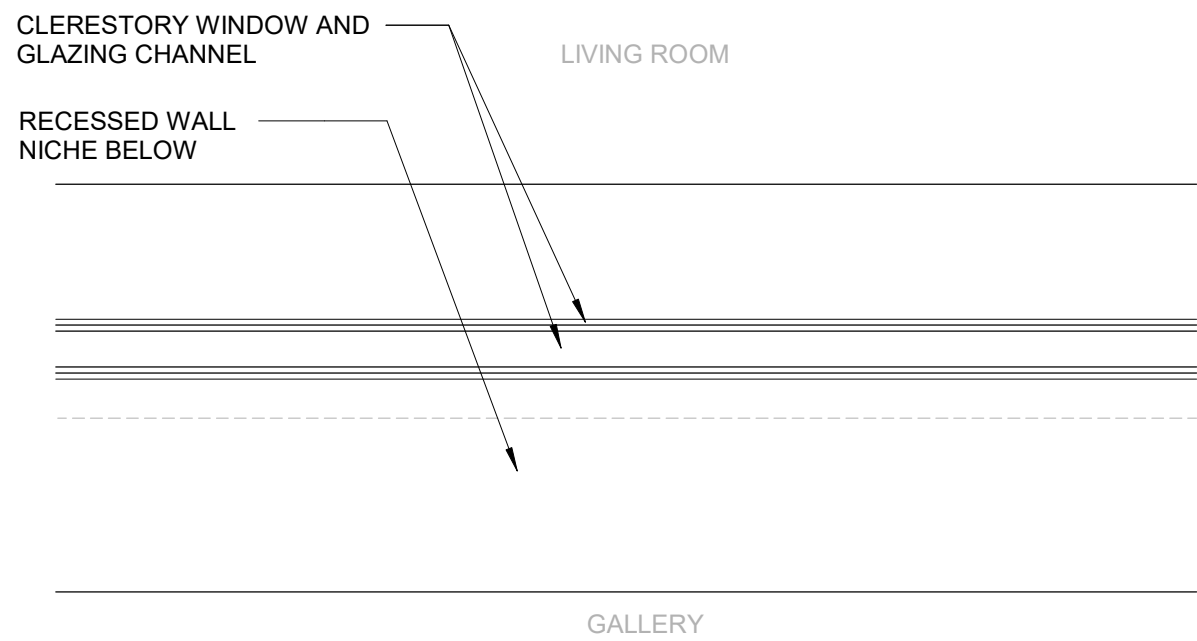
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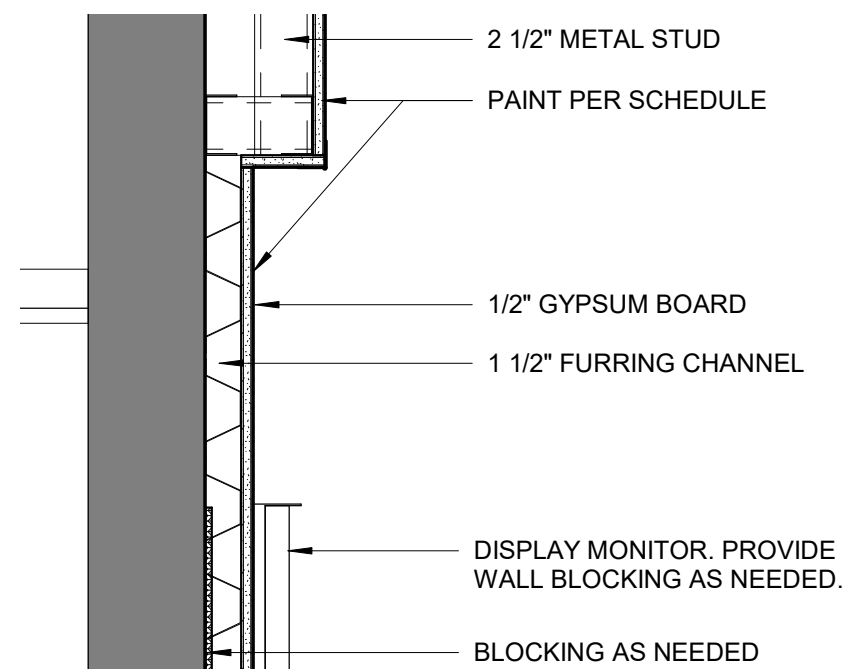
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SCALE: 1 1/2" = 1'-0"



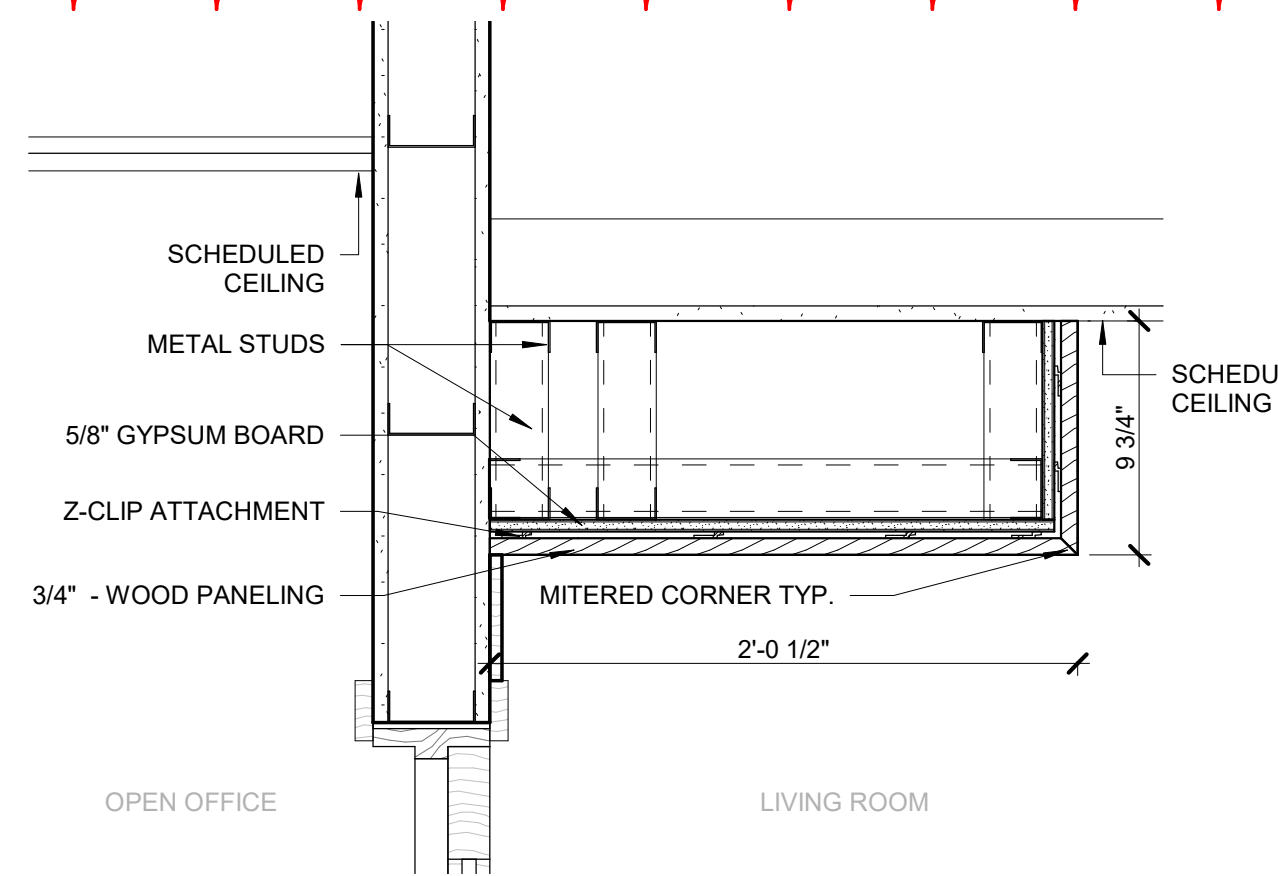
4 SECTION DETAIL - AT TOP OF GALLERY CLERESTORY
SCALE: 1 1/2" = 1'-0"



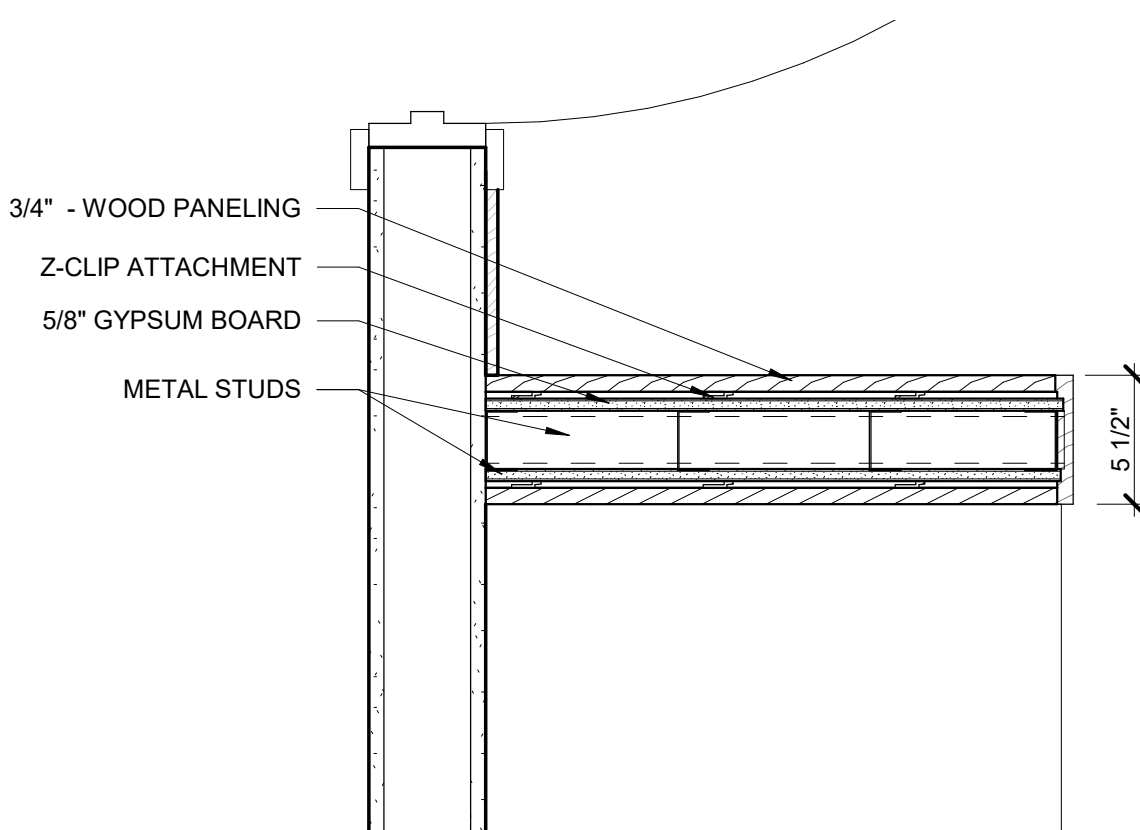
7 PLAN DETAIL - GALLERY CLERESTORY
SCALE: 3" = 1'-0"



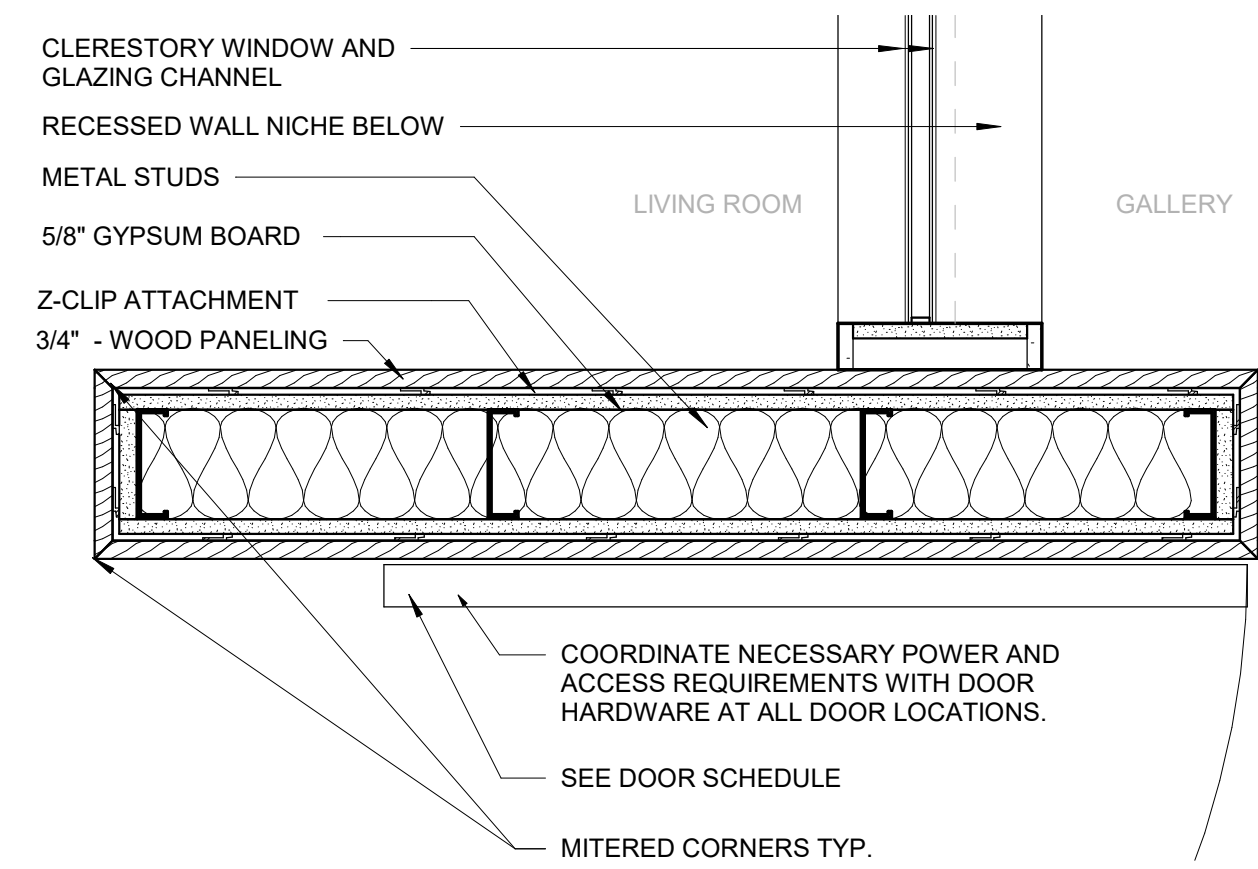
8 SECTION DETAIL - AT TOP OF MEDIA WALL
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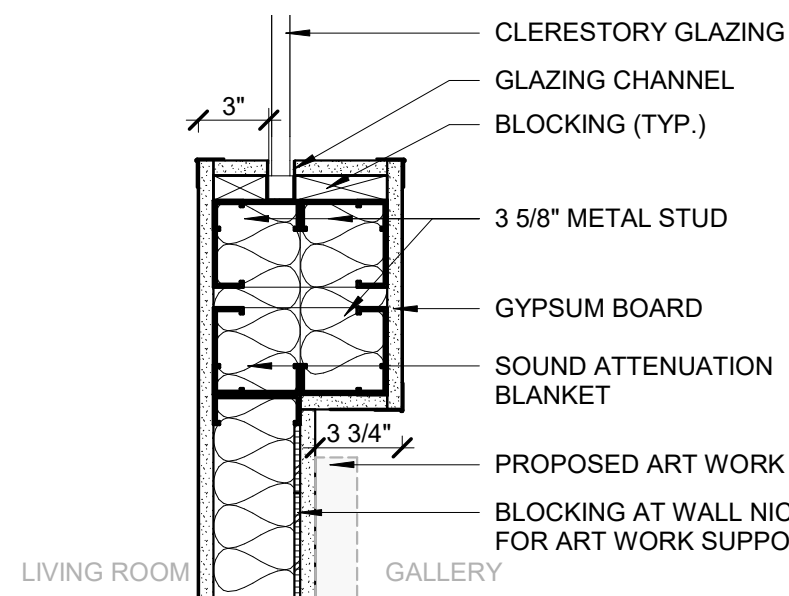
11 SECTION DETAIL - ENTRANCE PORTAL AT OPEN OFFICE
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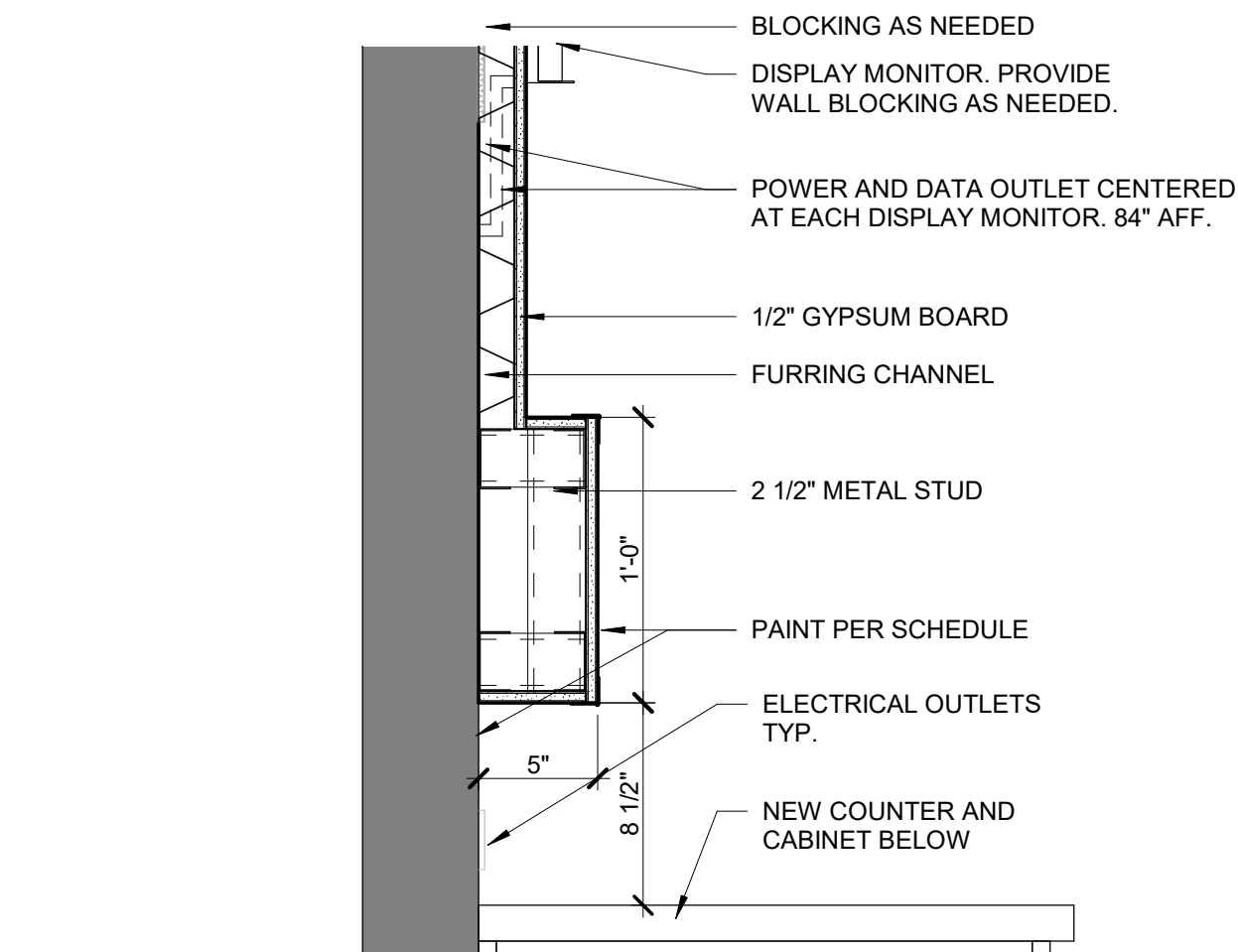
12 PLAN DETAIL - ENTRANCE PORTAL (2)
SCALE: 1 1/2" = 1'-0"



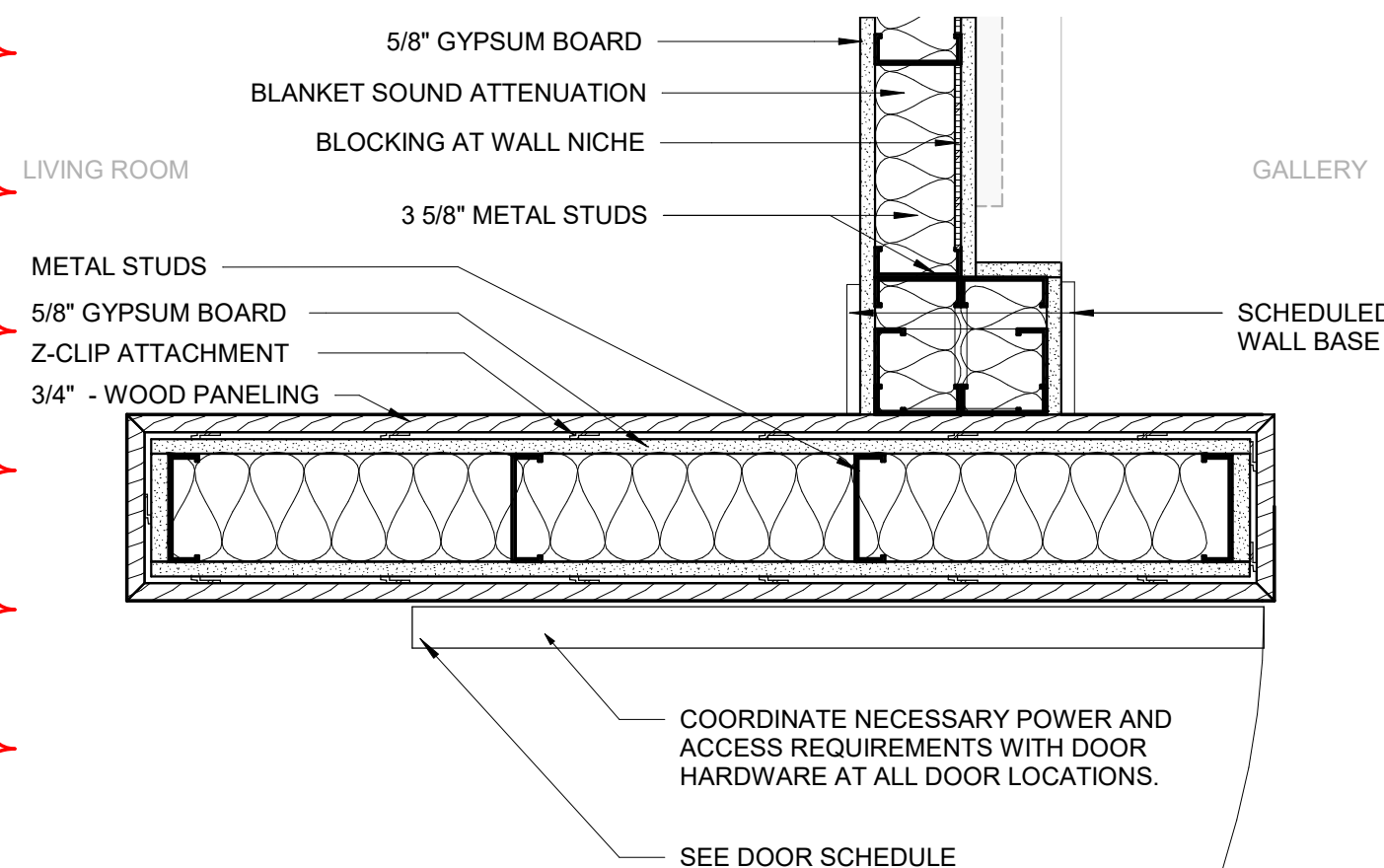
2 PLAN DETAIL - ENTRANCE PORTAL AT CLERESTORY
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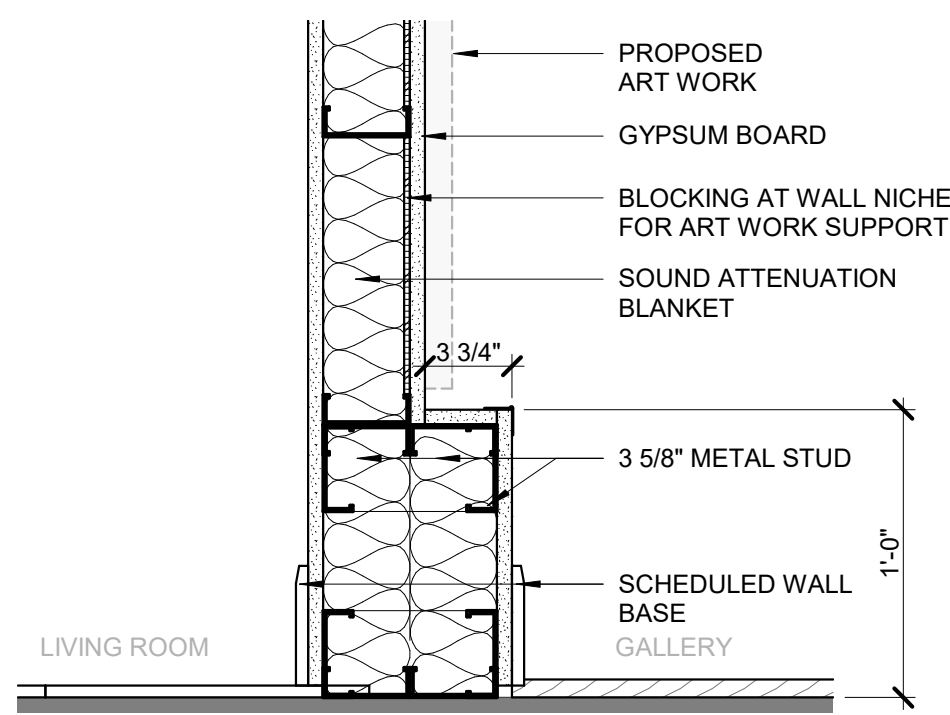
5 SECTION DETAIL - AT CLERESTORY TRANSITION
SCALE: 1 1/2" = 1'-0"



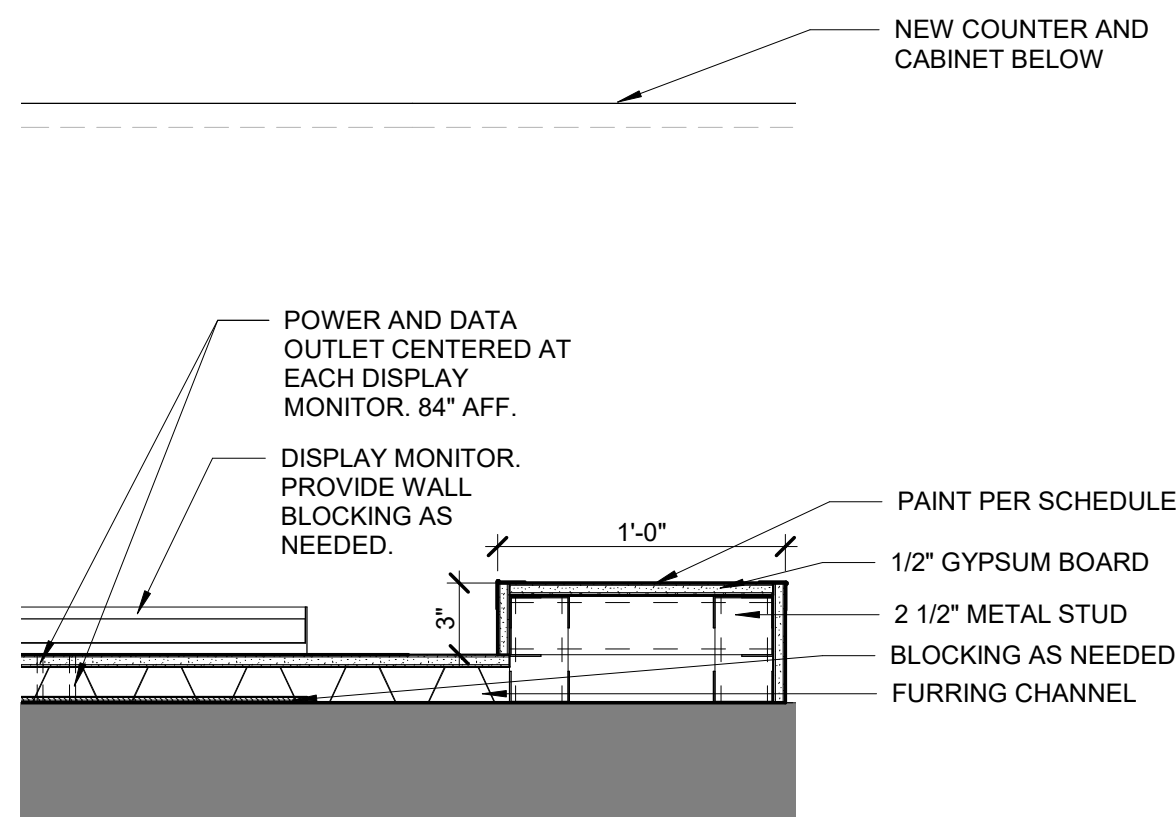
9 SECTION DETAIL MEDIA WALL AT COUNTER
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3 PLAN DETAIL - AT BOTTOM OF ENTRANCE PORTAL
SCALE: 1 1/2" = 1'-0"



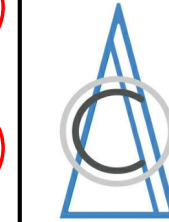
6 SECTION DETAIL - AT BOTTOM OF GALLERY DISPLAY
SCALE: 1 1/2" = 1'-0"



10 JAMB DETAIL MEDIA WALL
SCALE: 1 1/2" = 1'-0"

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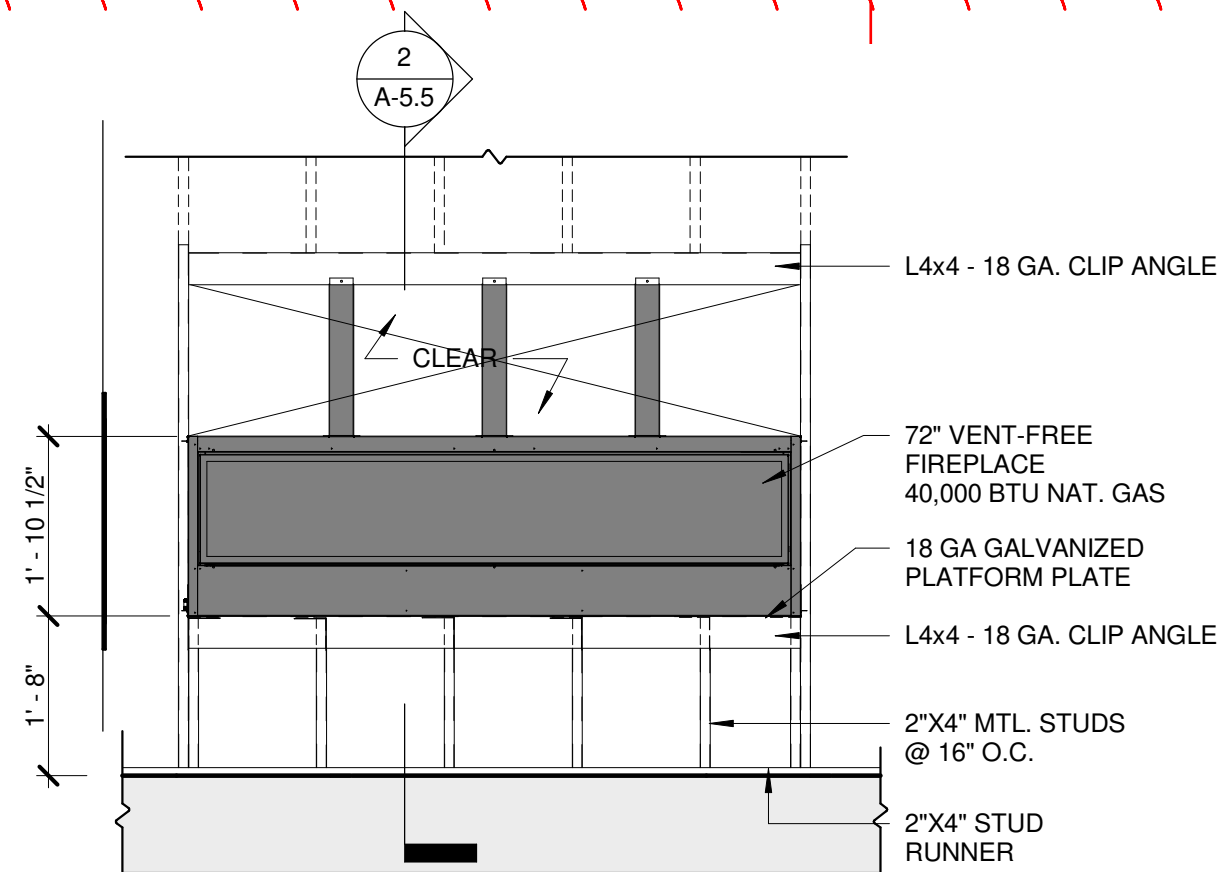
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P21-008

SHEET TITLE:
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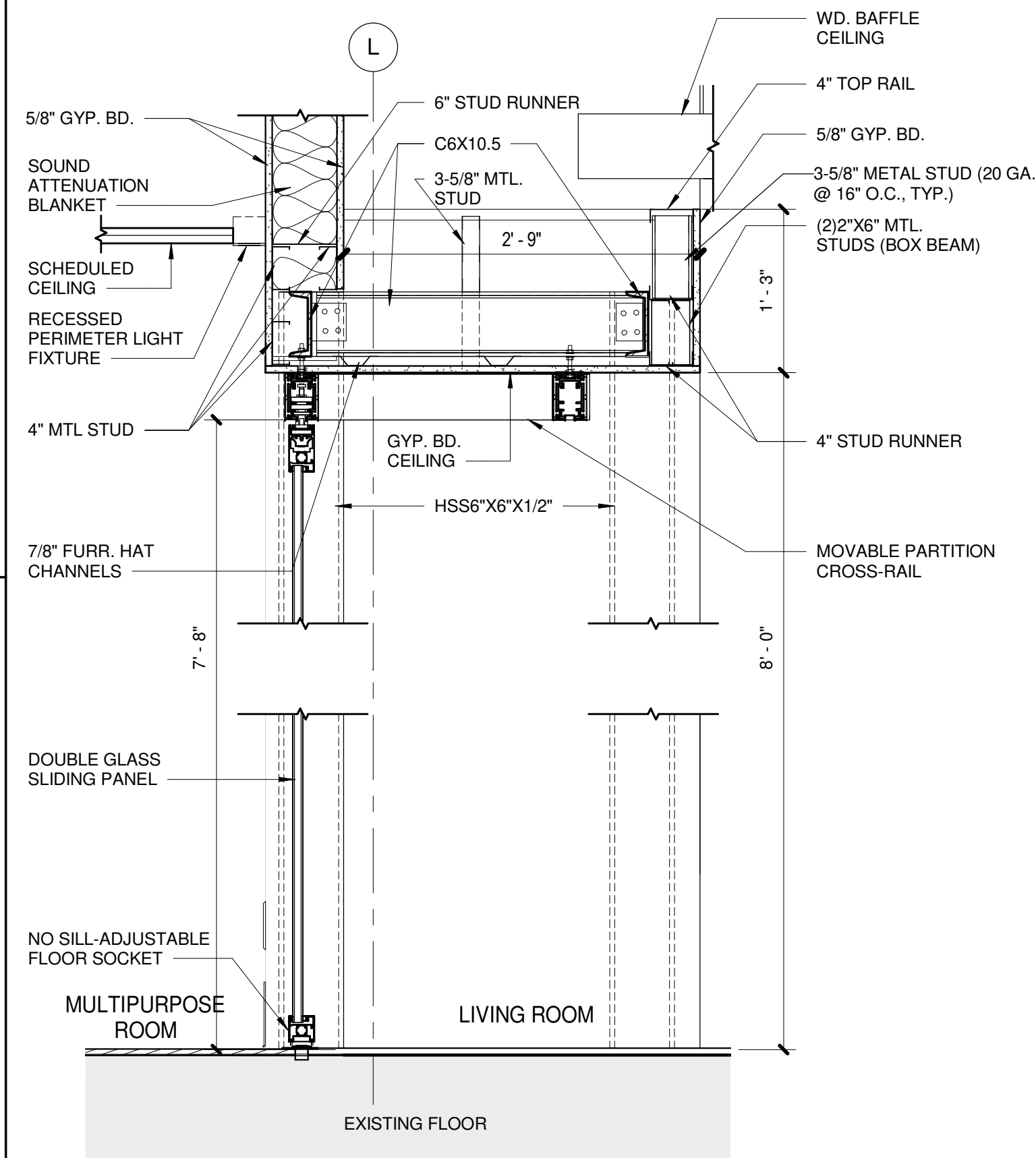
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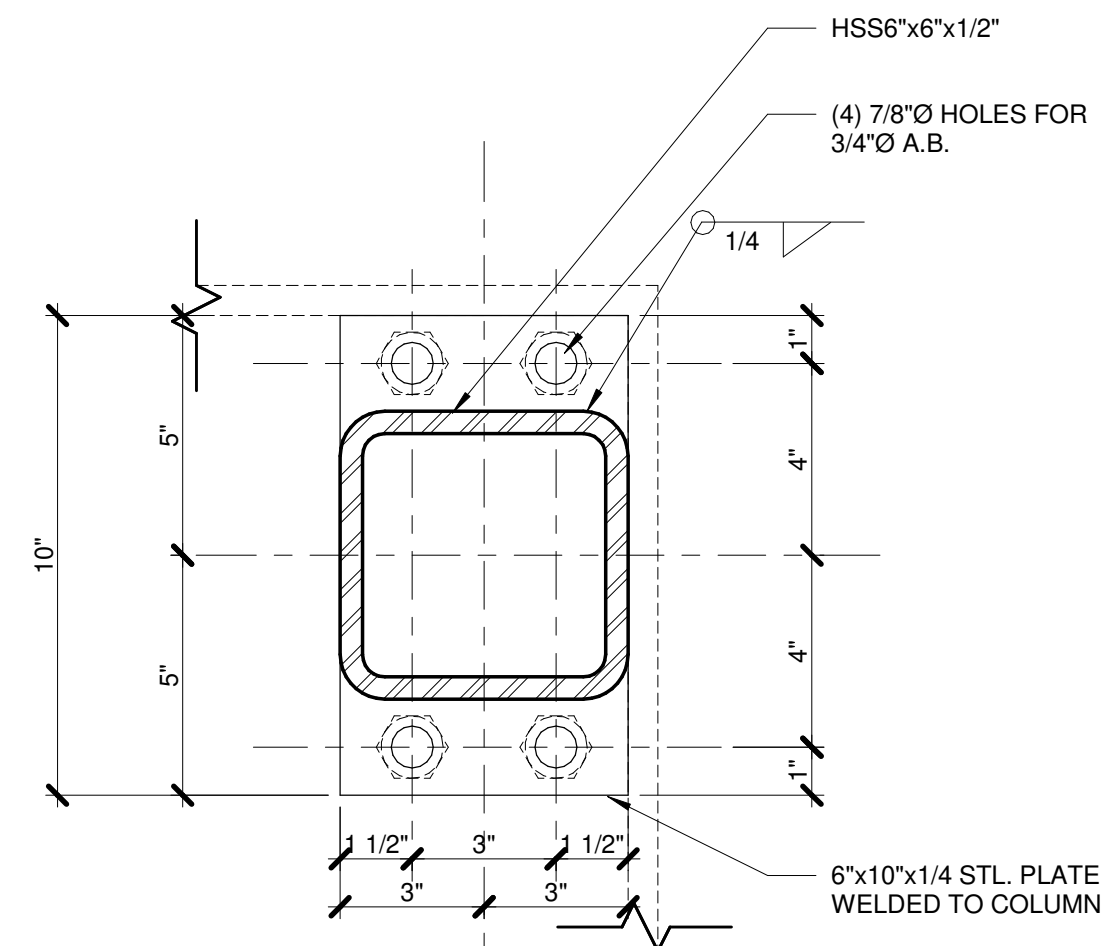
1 PARTIAL ELEVATION - FIREPLACE
SCALE: 1/2" = 1'-0"



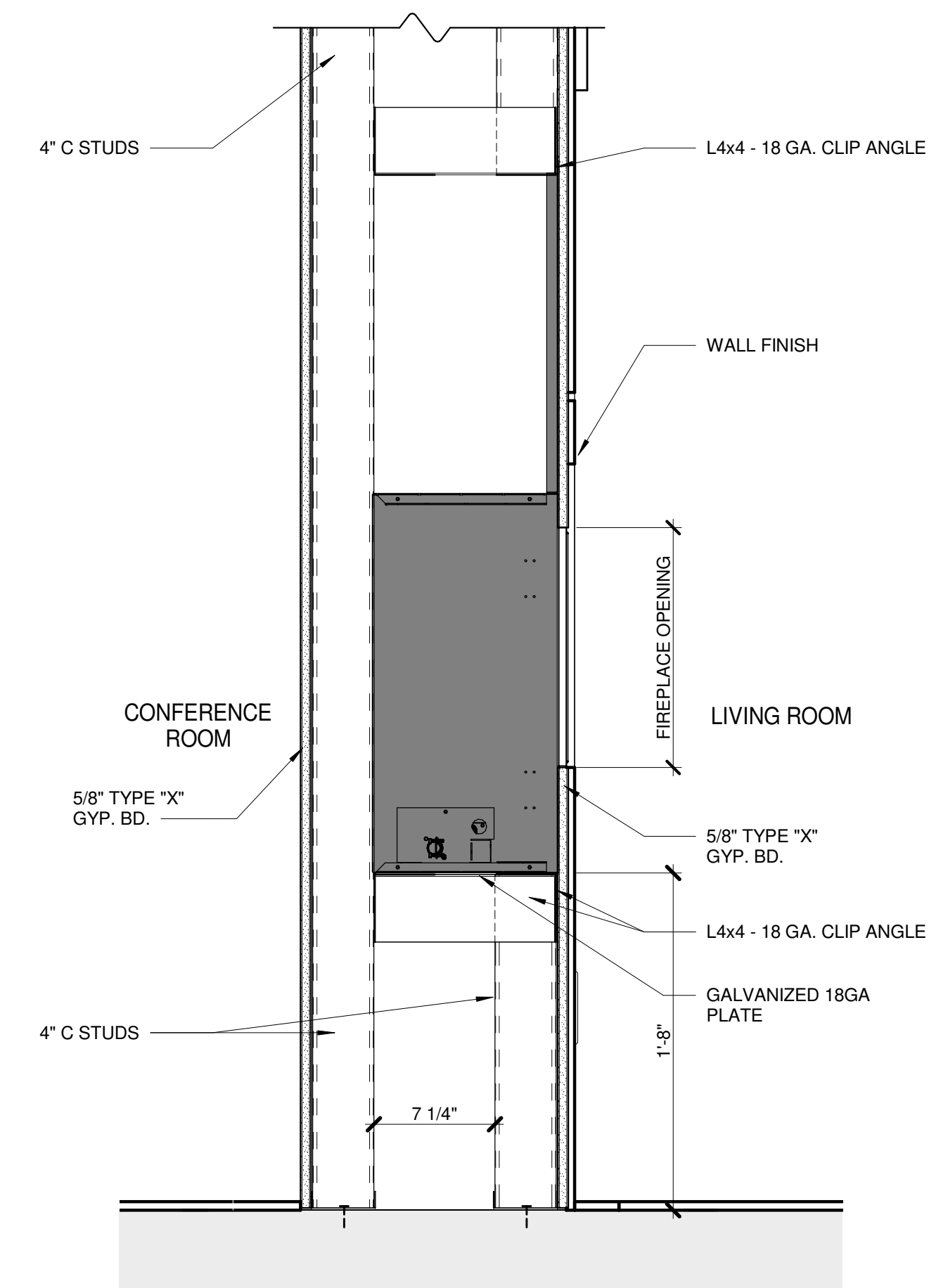
5 PARTIAL ELEVATION - SLIDING PARTITION
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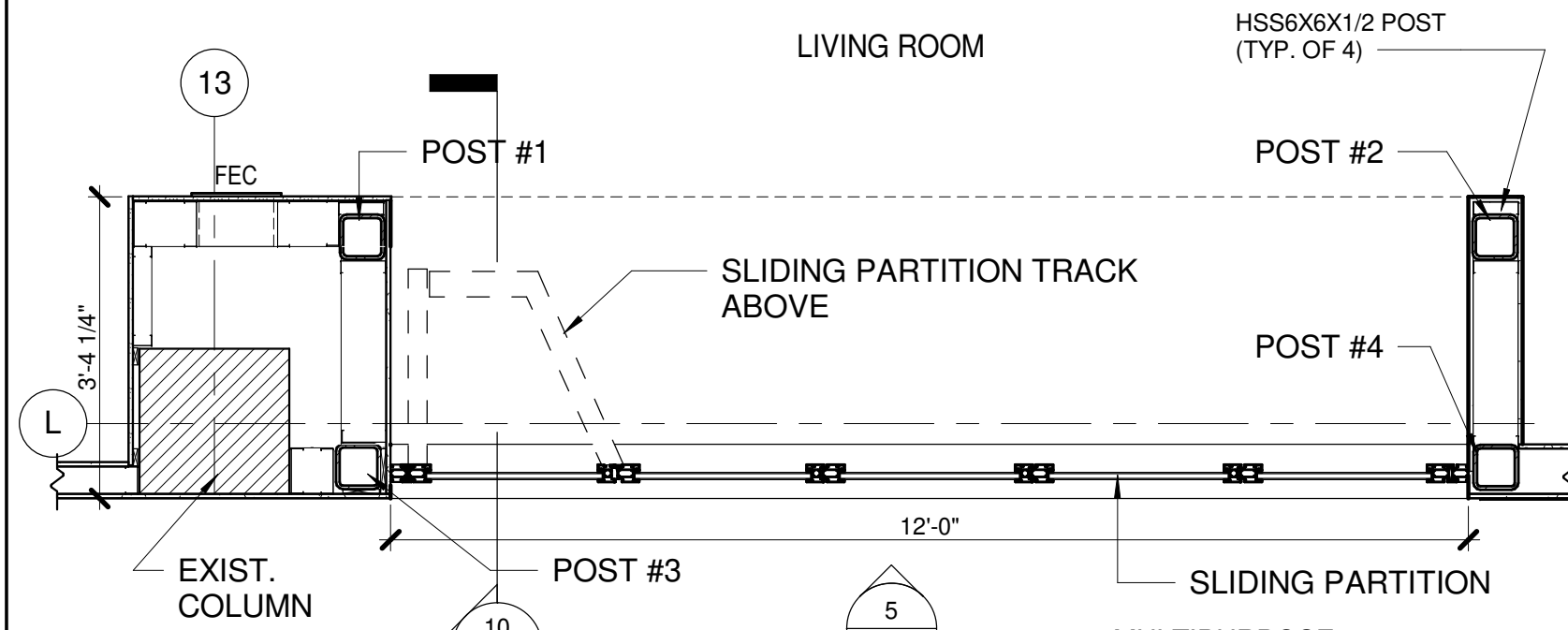
10 SECTION - SLIDING PARTITION
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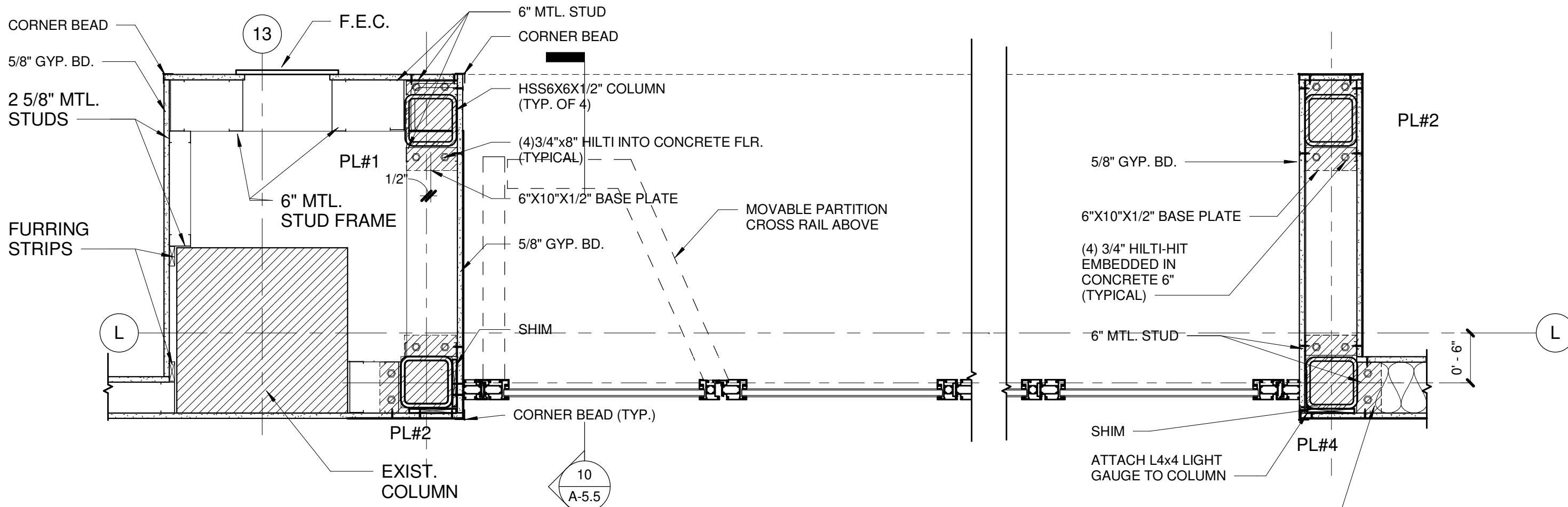
13 BASE PLATE #1 & #2 DETAIL
SCALE: 3" = 1'-0"



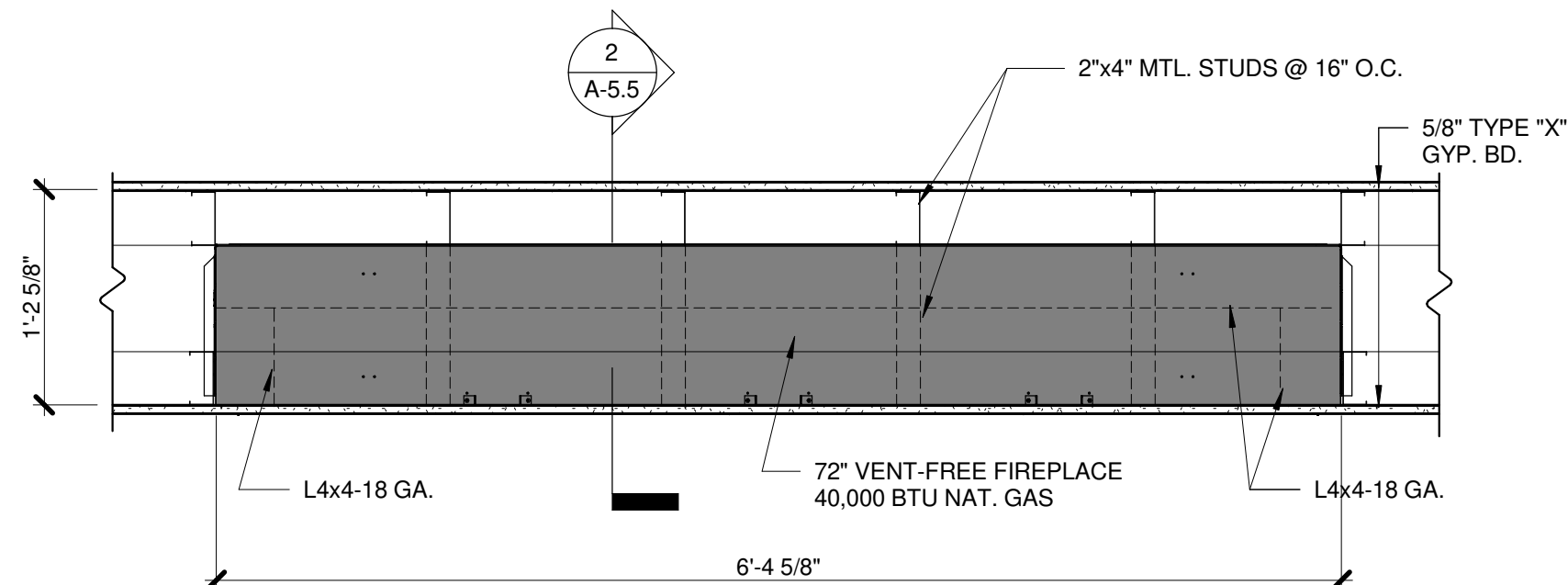
2 SECTION DETAIL - FIREPLACE
SCALE: 1 1/2" = 1'-0"



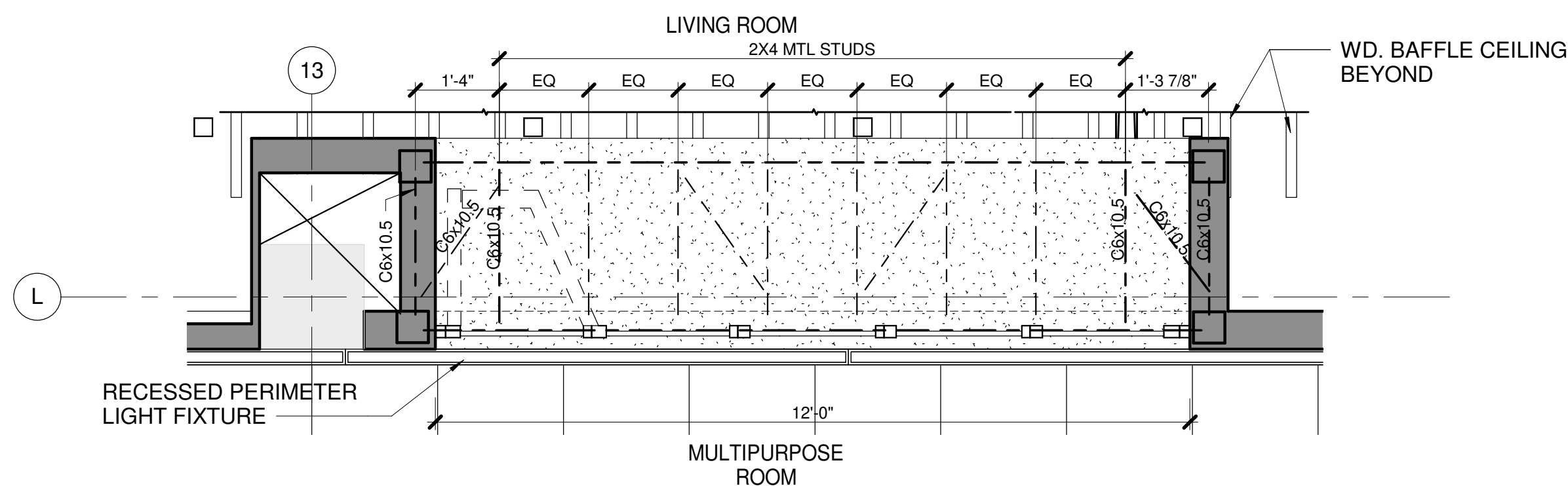
6 PARTIAL PLAN - SLIDING PARTITION
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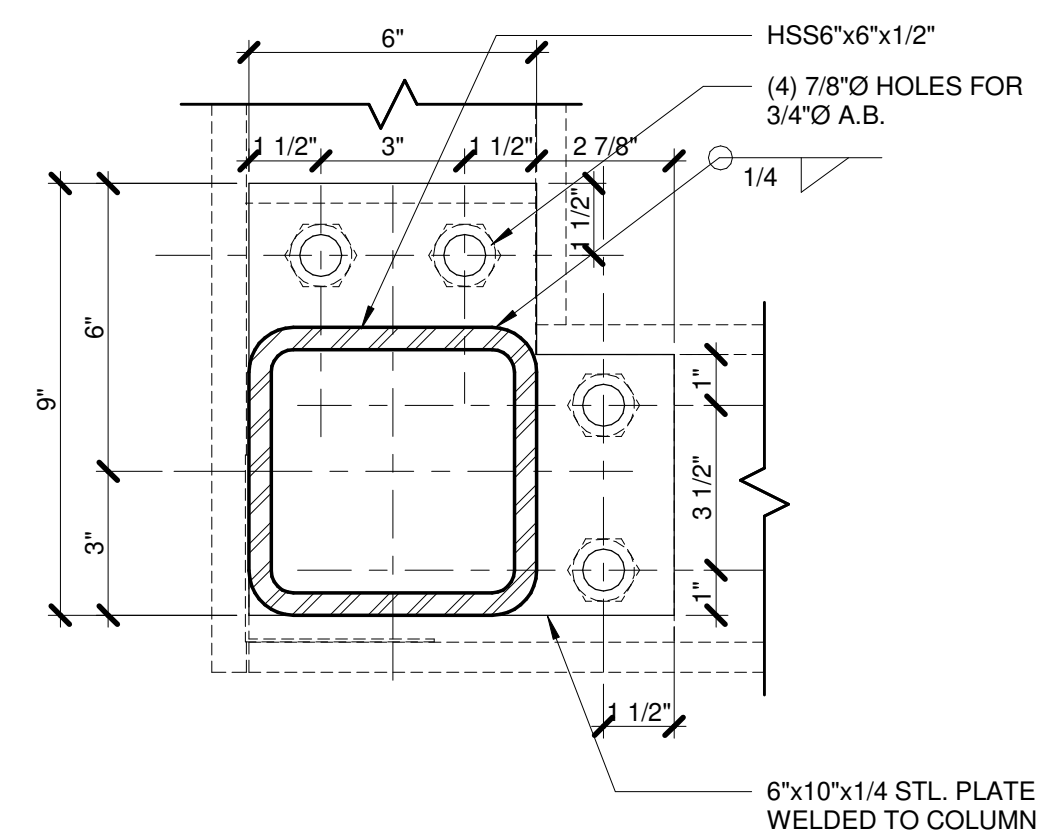
7 ENLARGED PLAN - SLIDING PARTITION
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4 ENLARGED PLAN - FIREPLACE
SCALE: 1" = 1'-0"



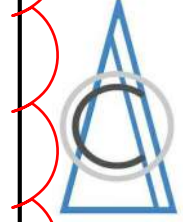
8 PARTIAL RCP - SLIDING PARTITION
SCALE: 1/2" = 1'-0"



15 BASE PLATE #4 DETAIL
SCALE: 3" = 1'-0"

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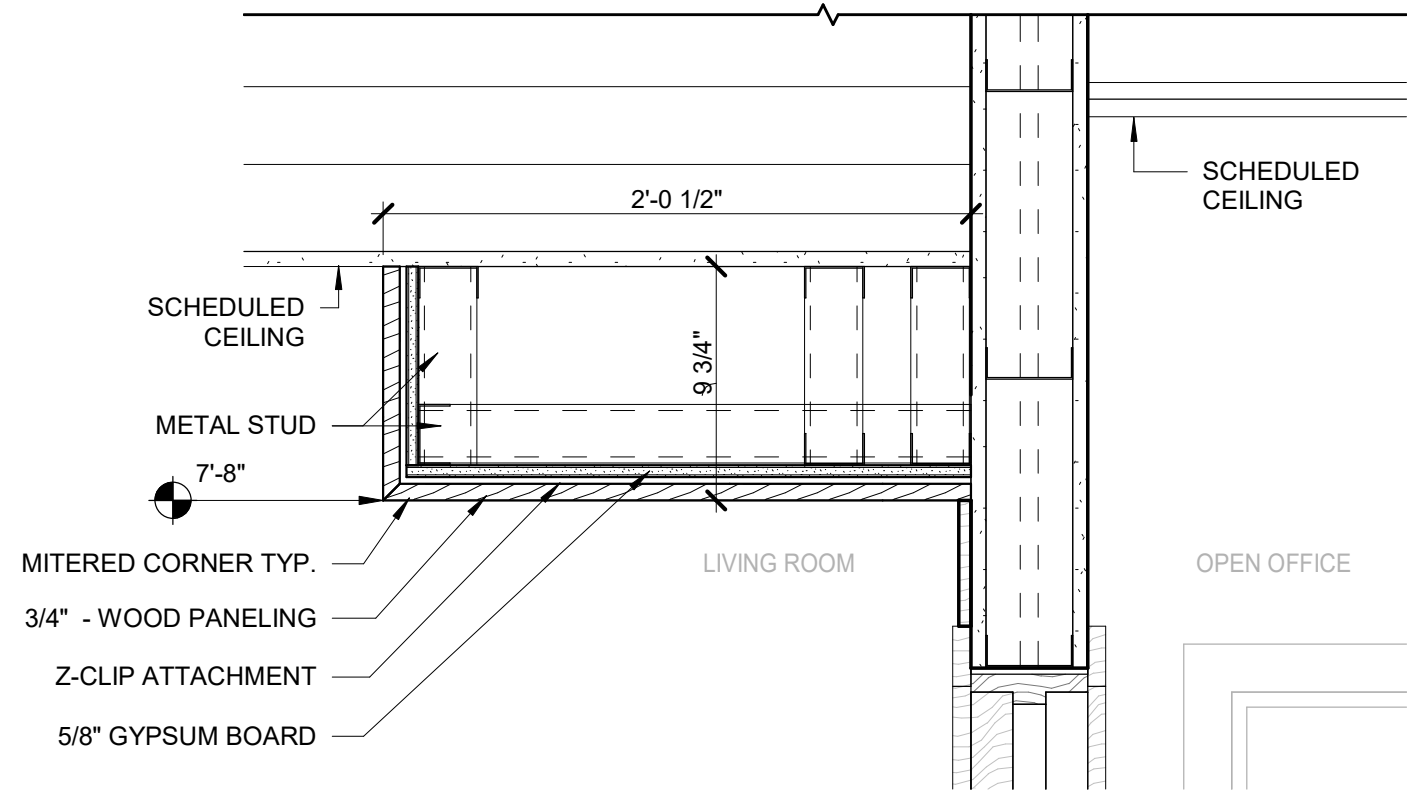
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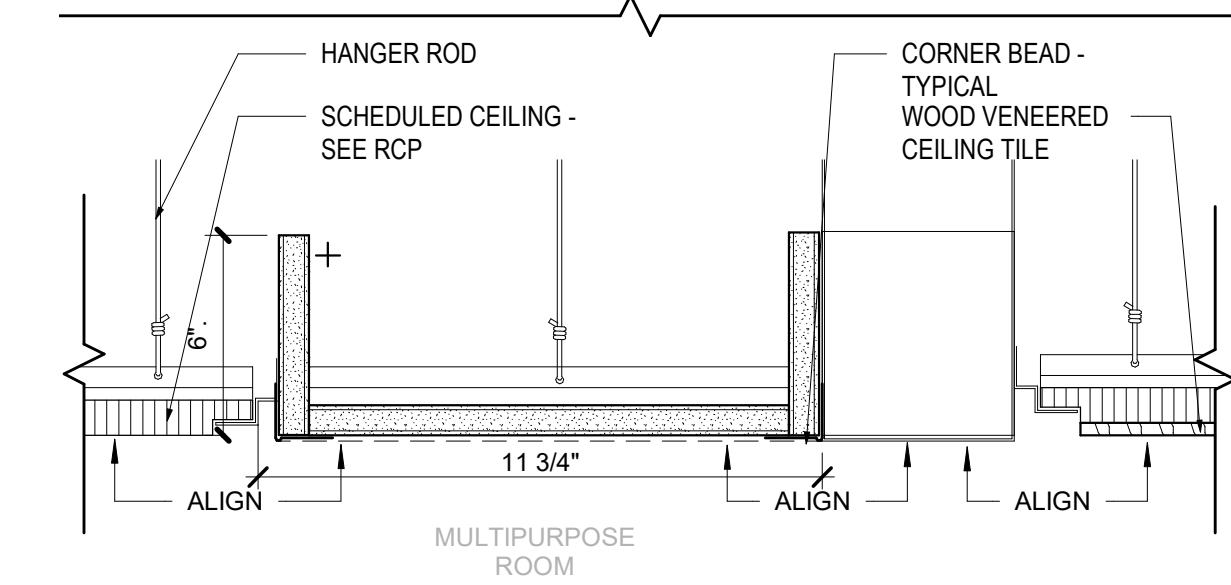
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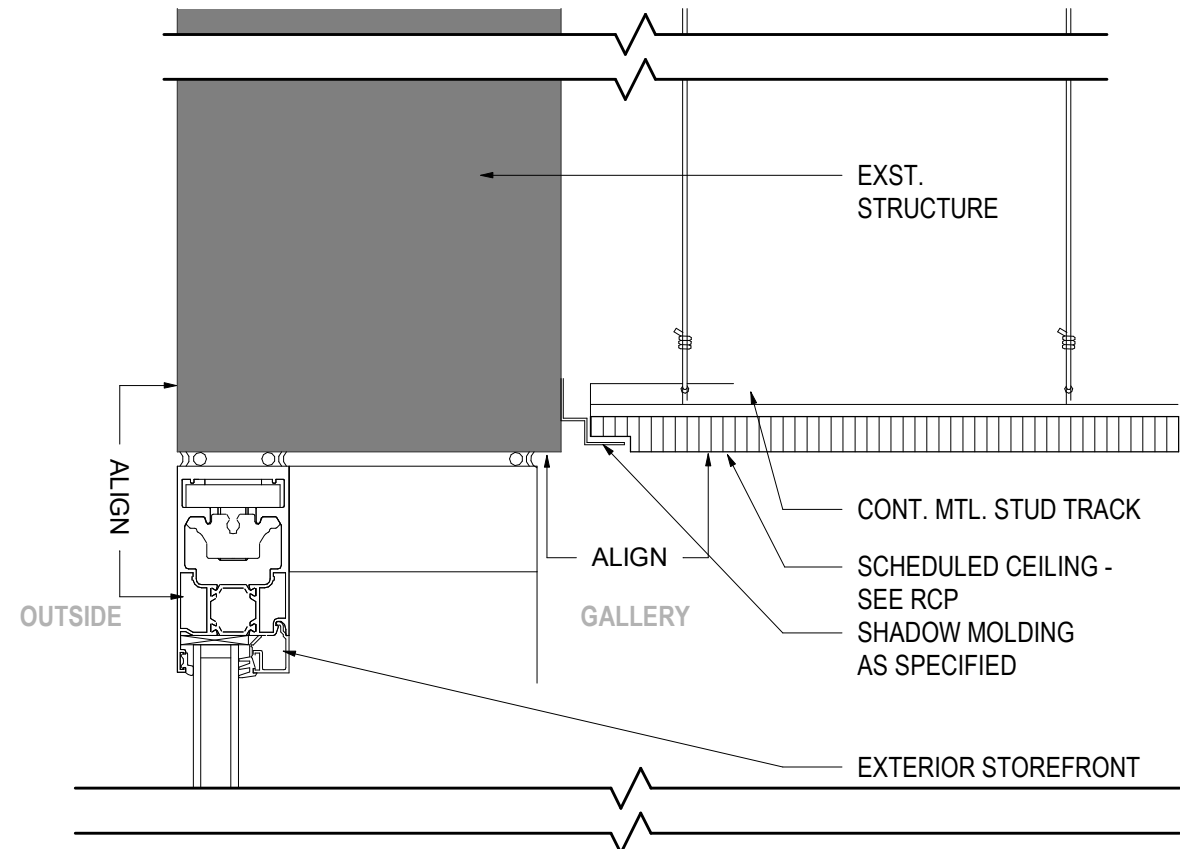
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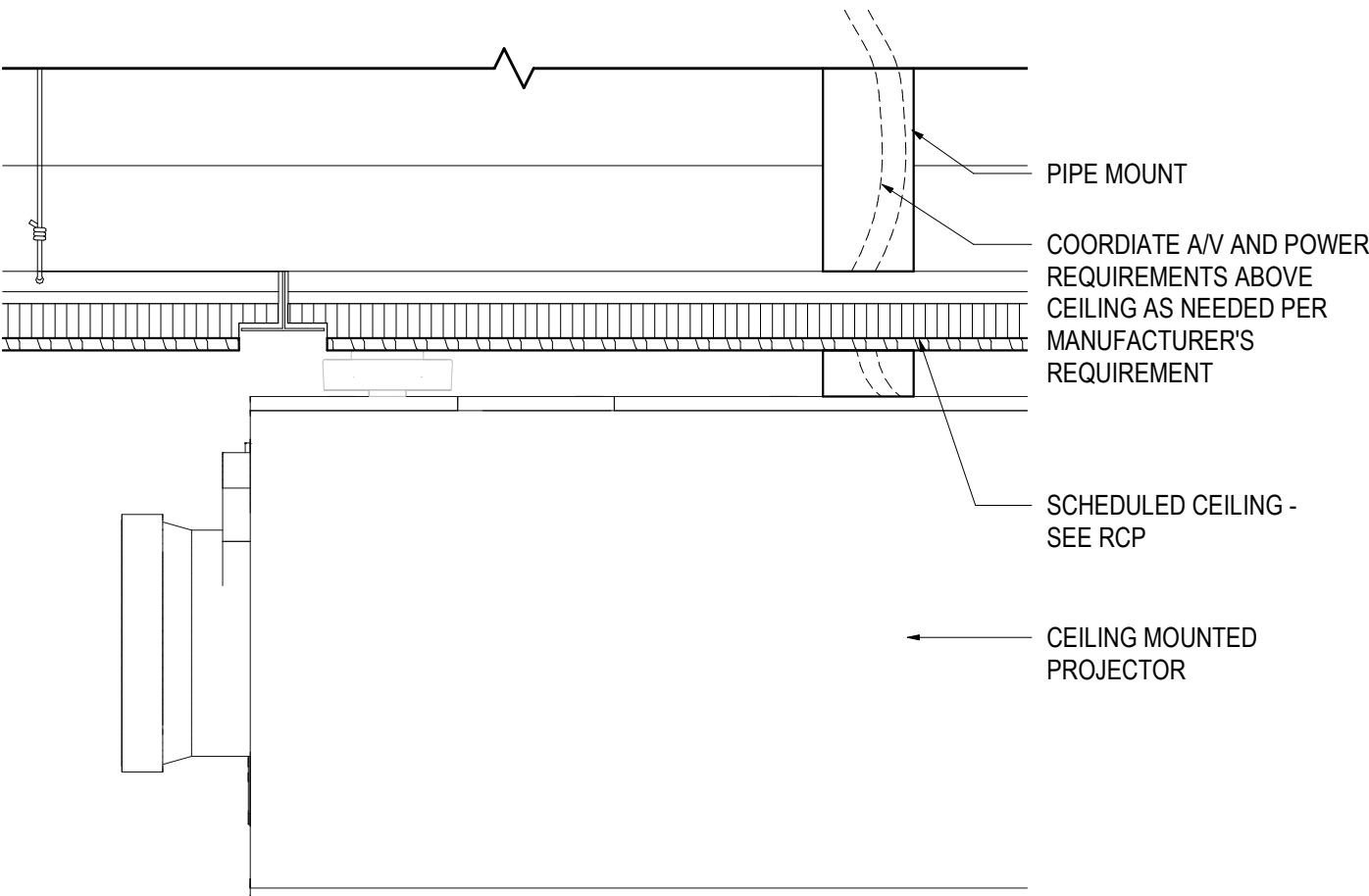
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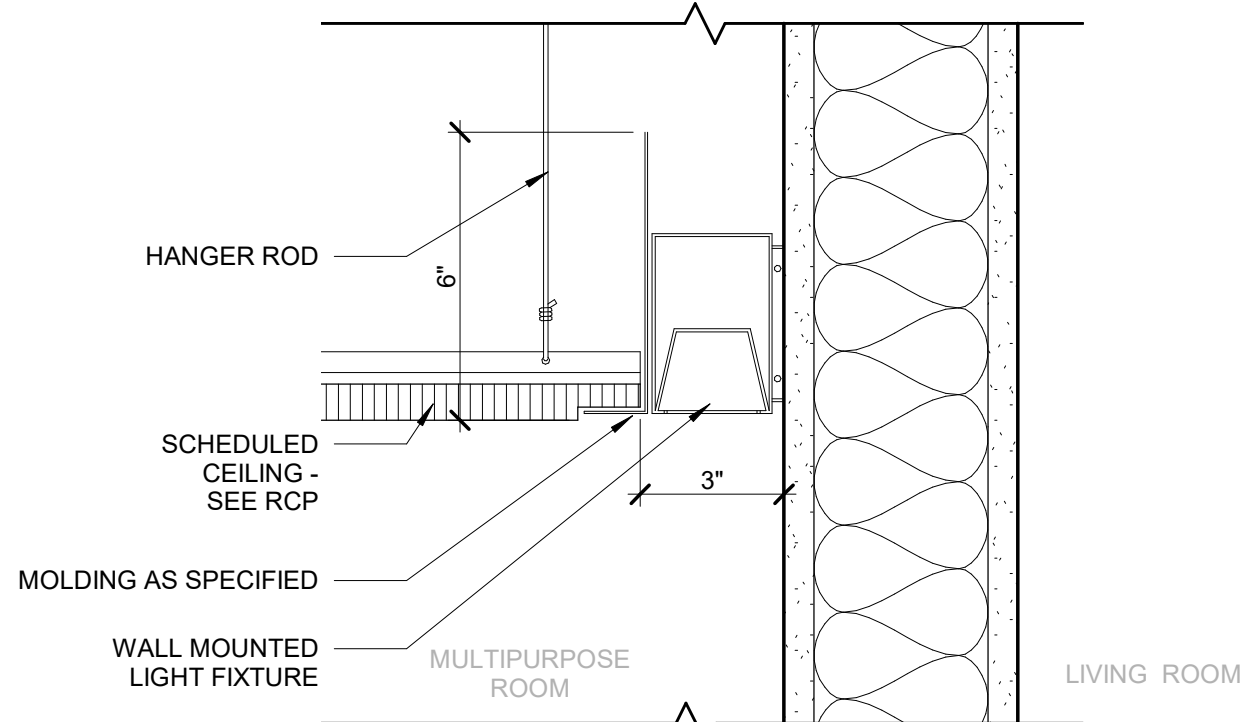
5 CEILING DETAIL AT ACT THRU WOOD VENEER ACT
SCALE: 3" = 1'-0"



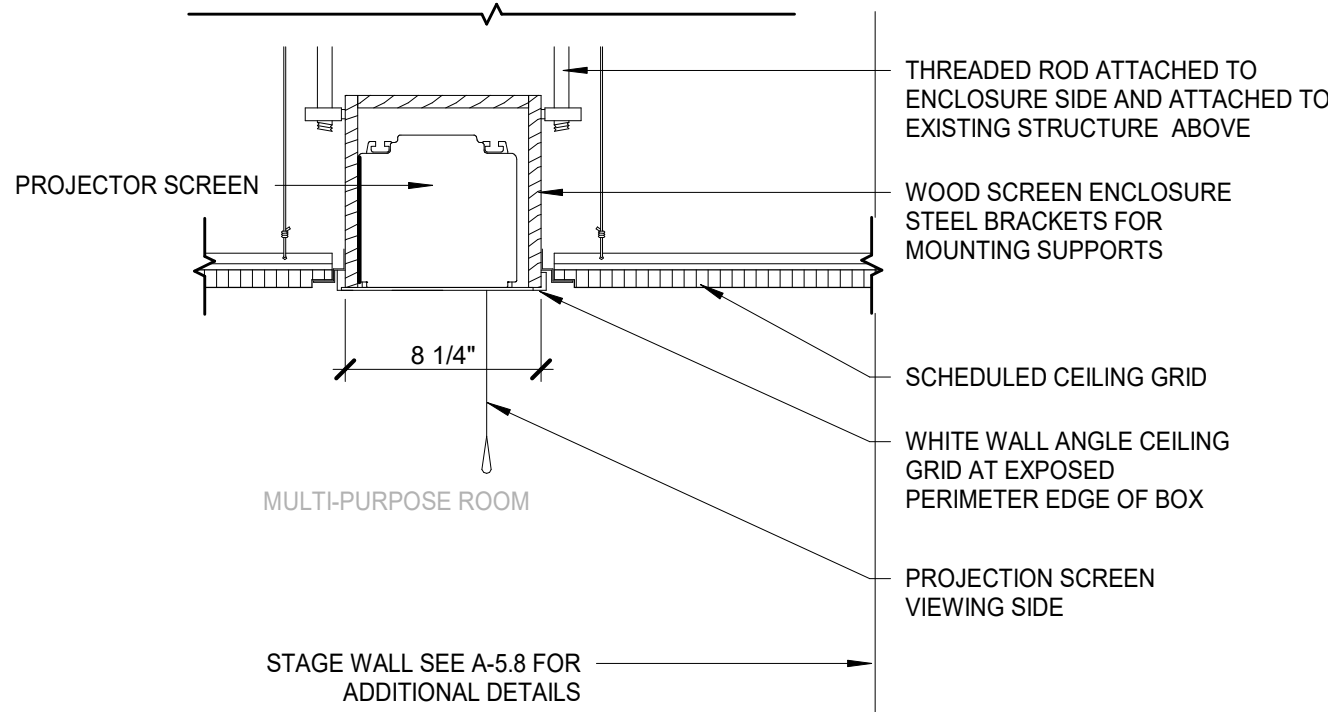
2 CEILING DETAIL AT EXTERIOR STOREFRONT AT GALLERY
SCALE: 3" = 1'-0"



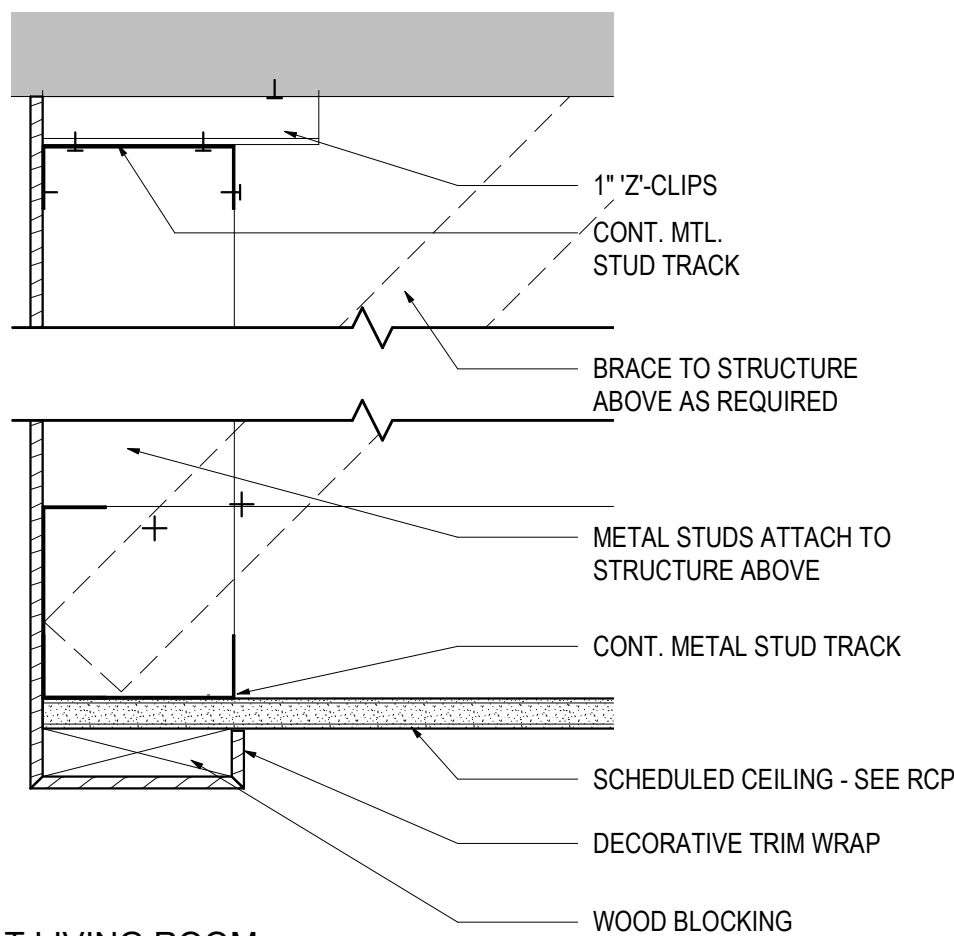
6 CEILING DETAIL AT PROJECTOR
SCALE: 3" = 1'-0"



3 CEILING DETAIL AT LIGHT COVE
SCALE: 3" = 1'-0"



7 CEILING DETAIL AT PROJECTOR SCREEN
SCALE: 1 1/2" = 1'-0"



4 CEILING DETAIL AT LIVING ROOM
SCALE: 3" = 1'-0"

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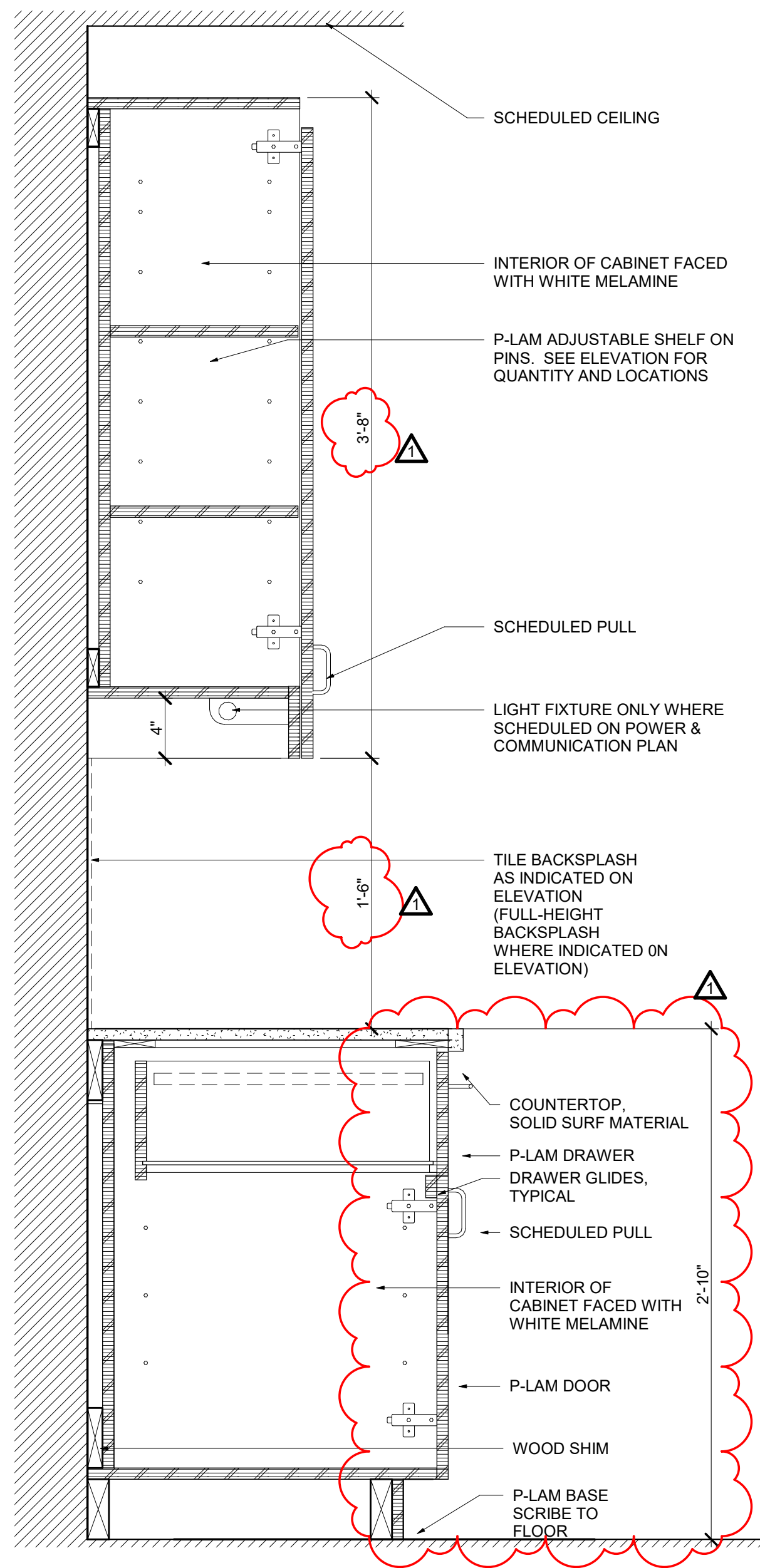
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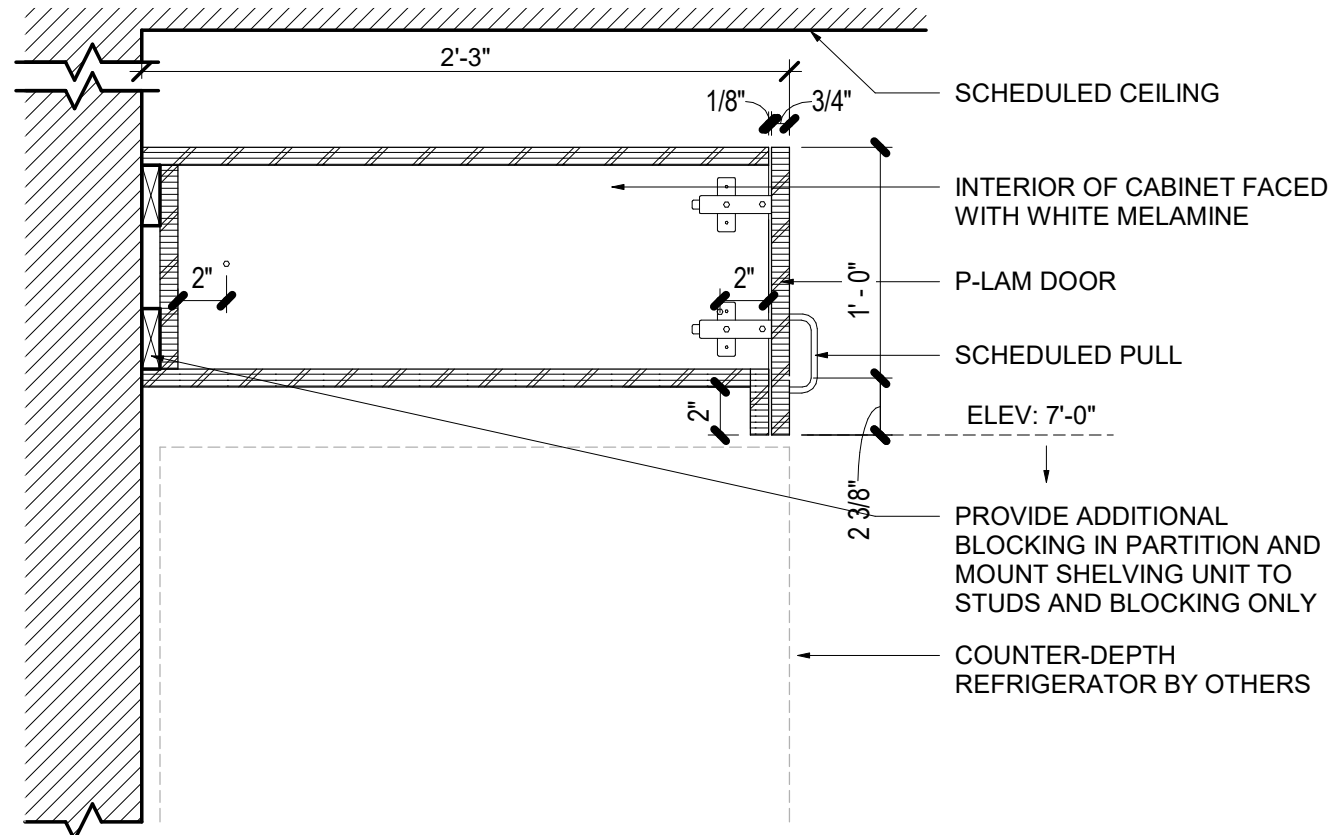
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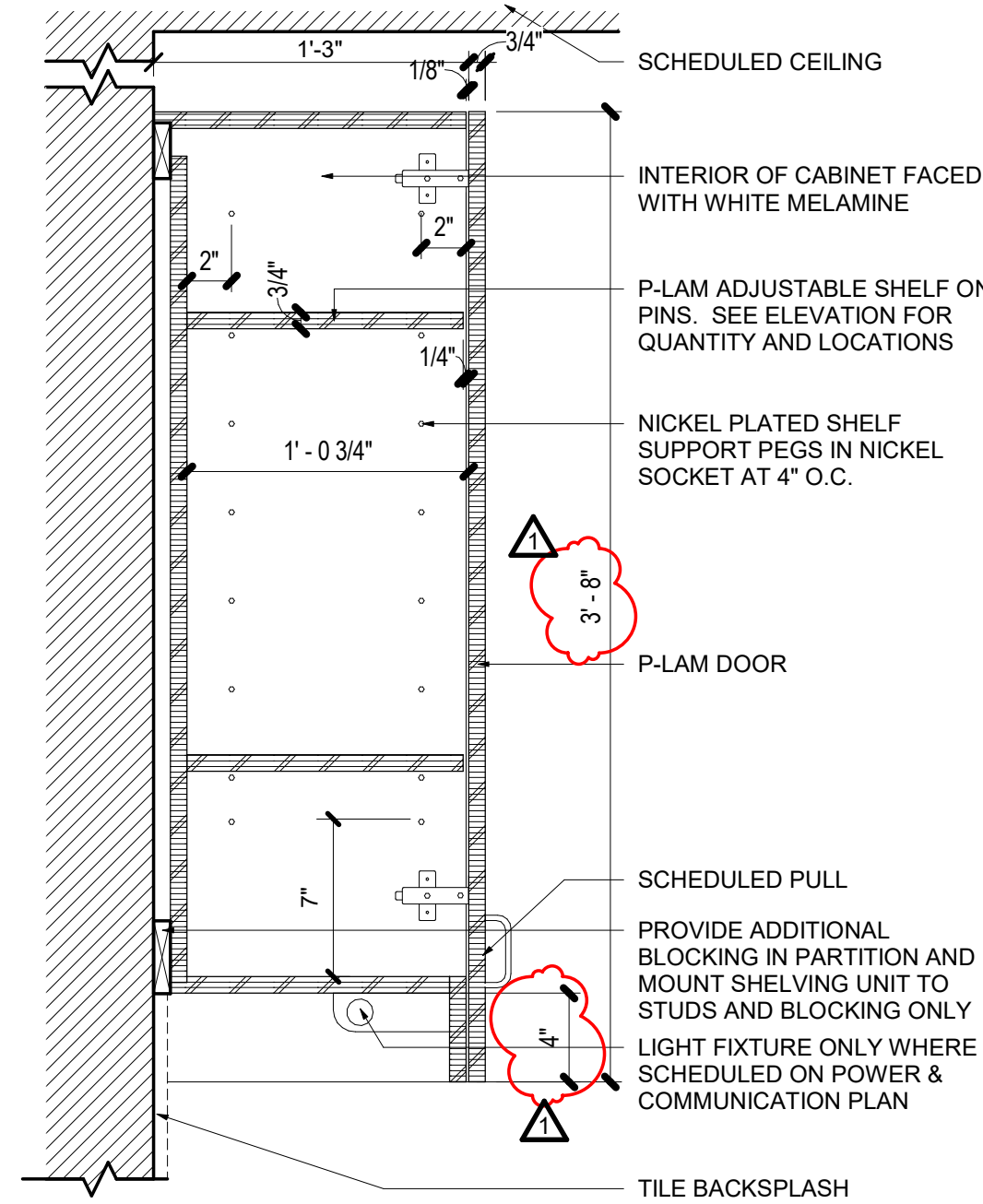
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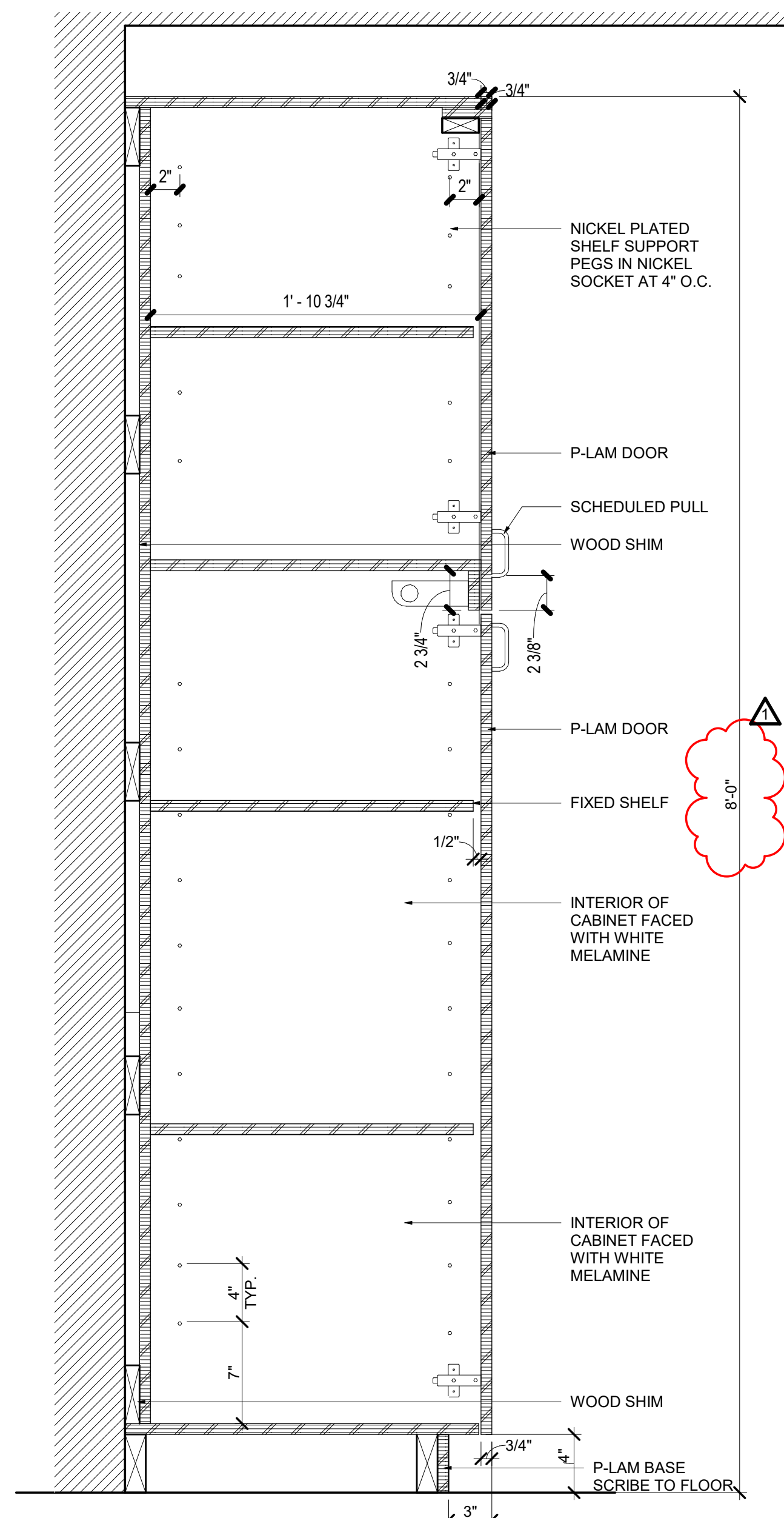
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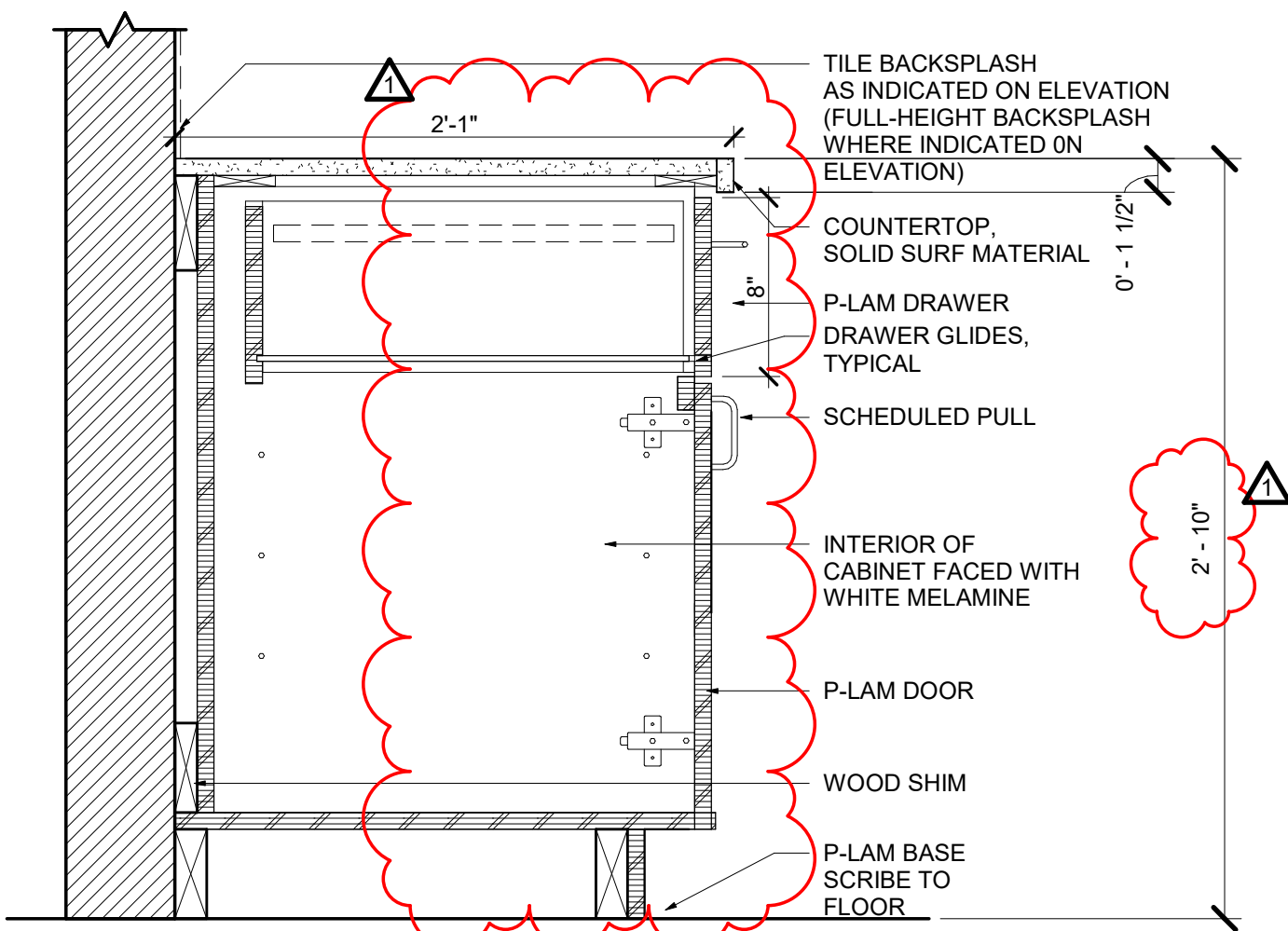
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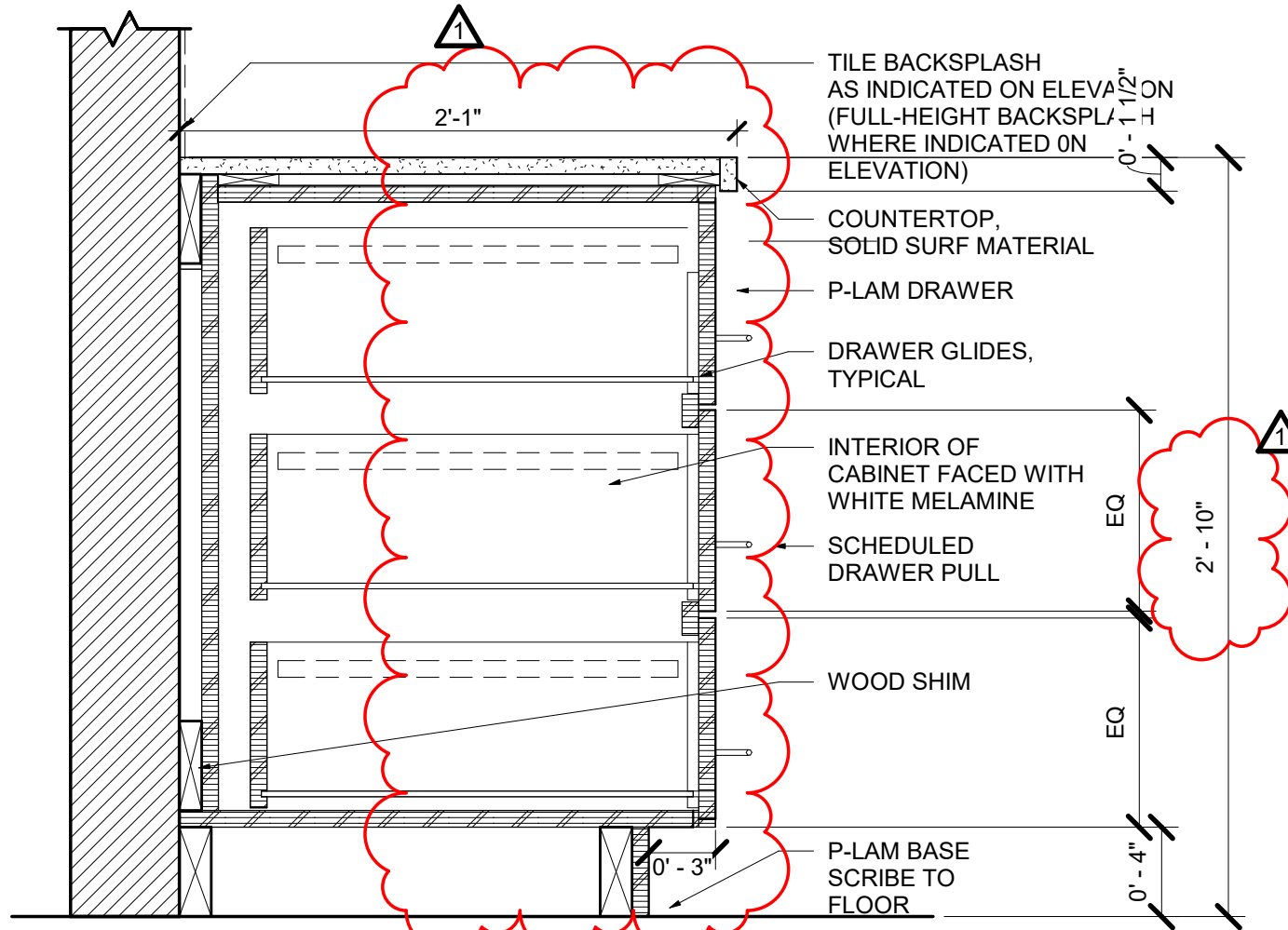
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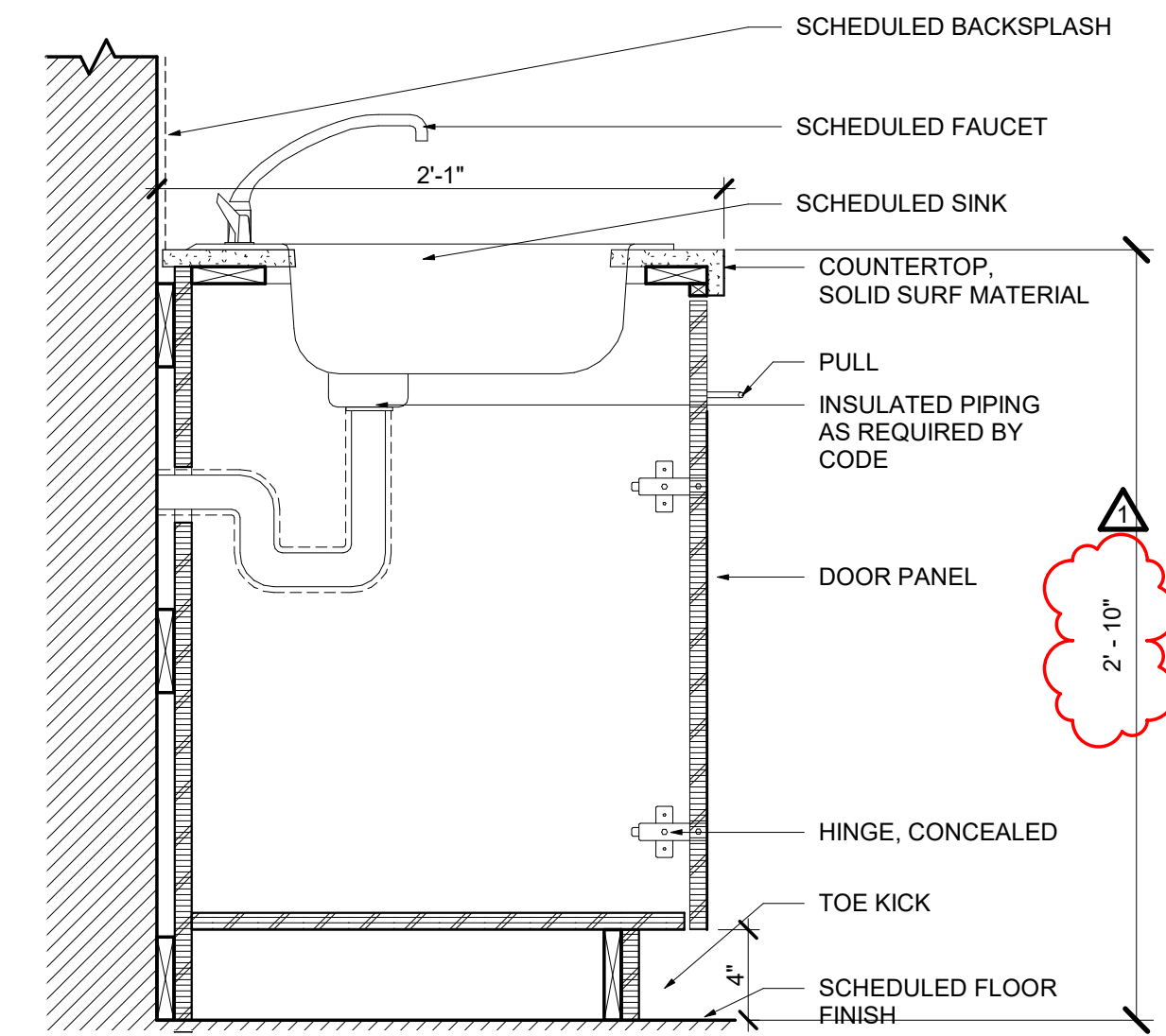
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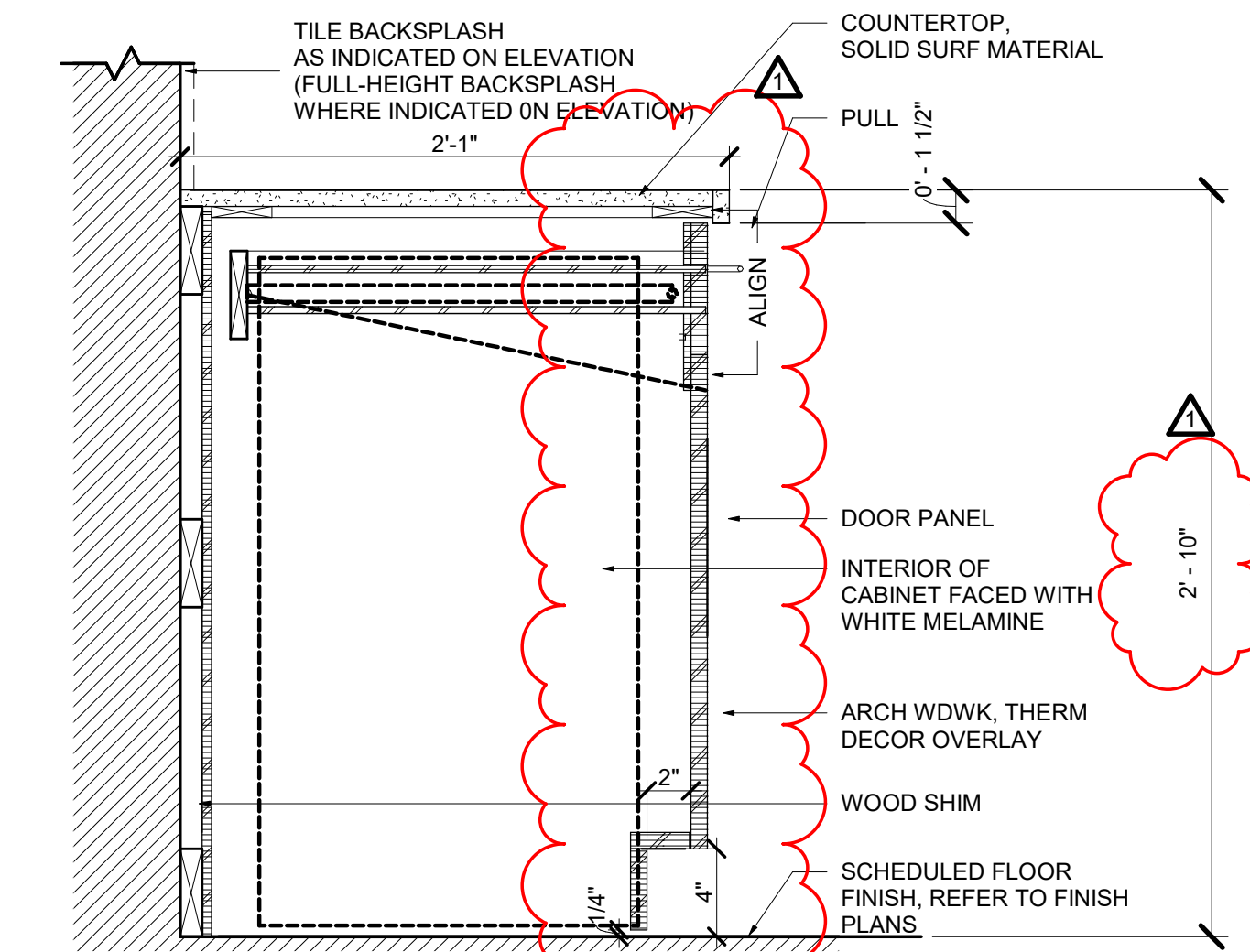
4 BASE CABINET DRAWER WITH DOOR
SCALE: 1 1/2" = 1'-0"



8 BASE CABINET WITH (3) BASE DRAWERS
SCALE: 1 1/2" = 1'-0"



12 BASE CABINET AT SINK TYP.
SCALE: 1 1/2" = 1'-0"



16 BASE CABINET WITH TRASH
SCALE: 1 1/2" = 1'-0"

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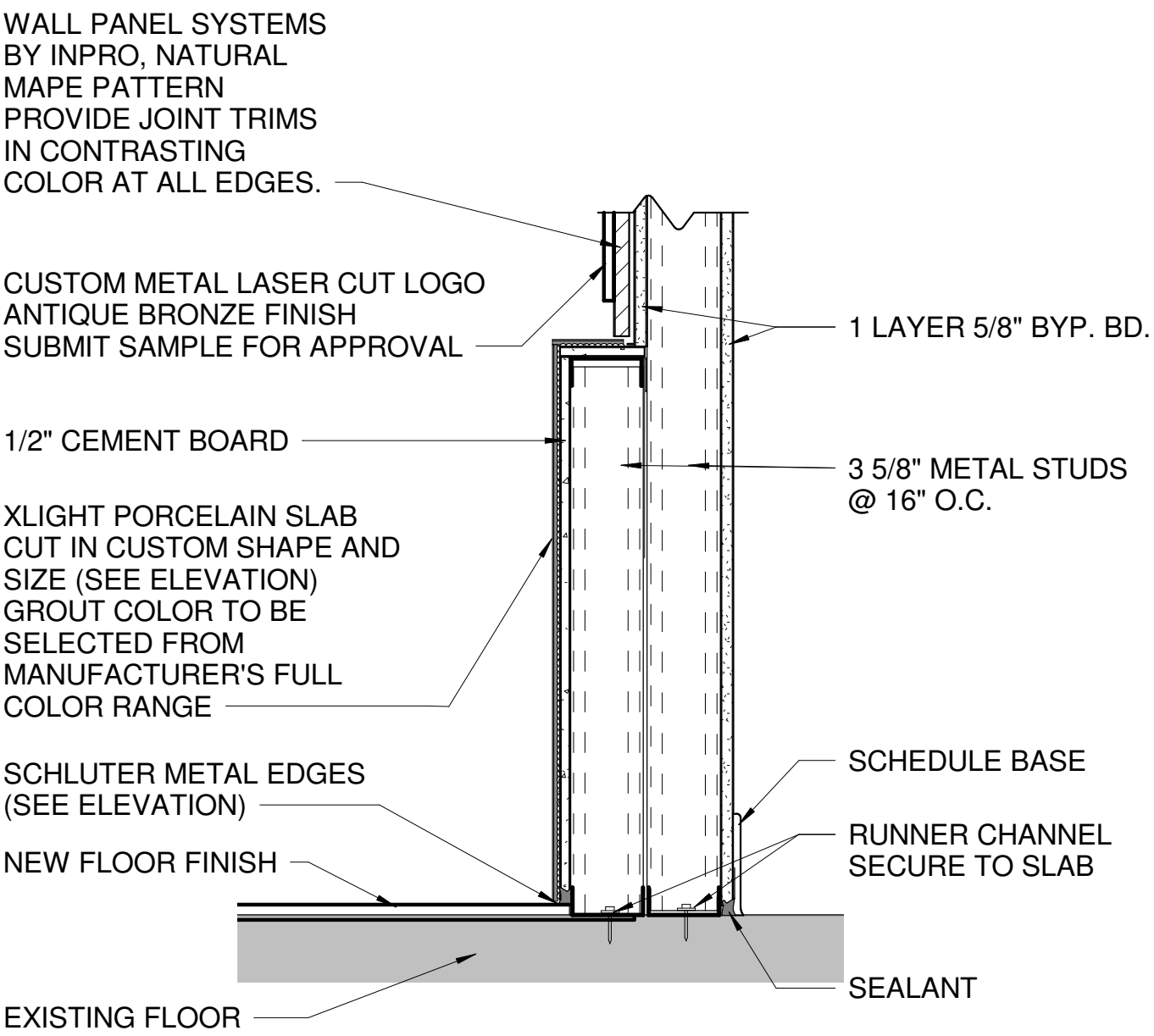
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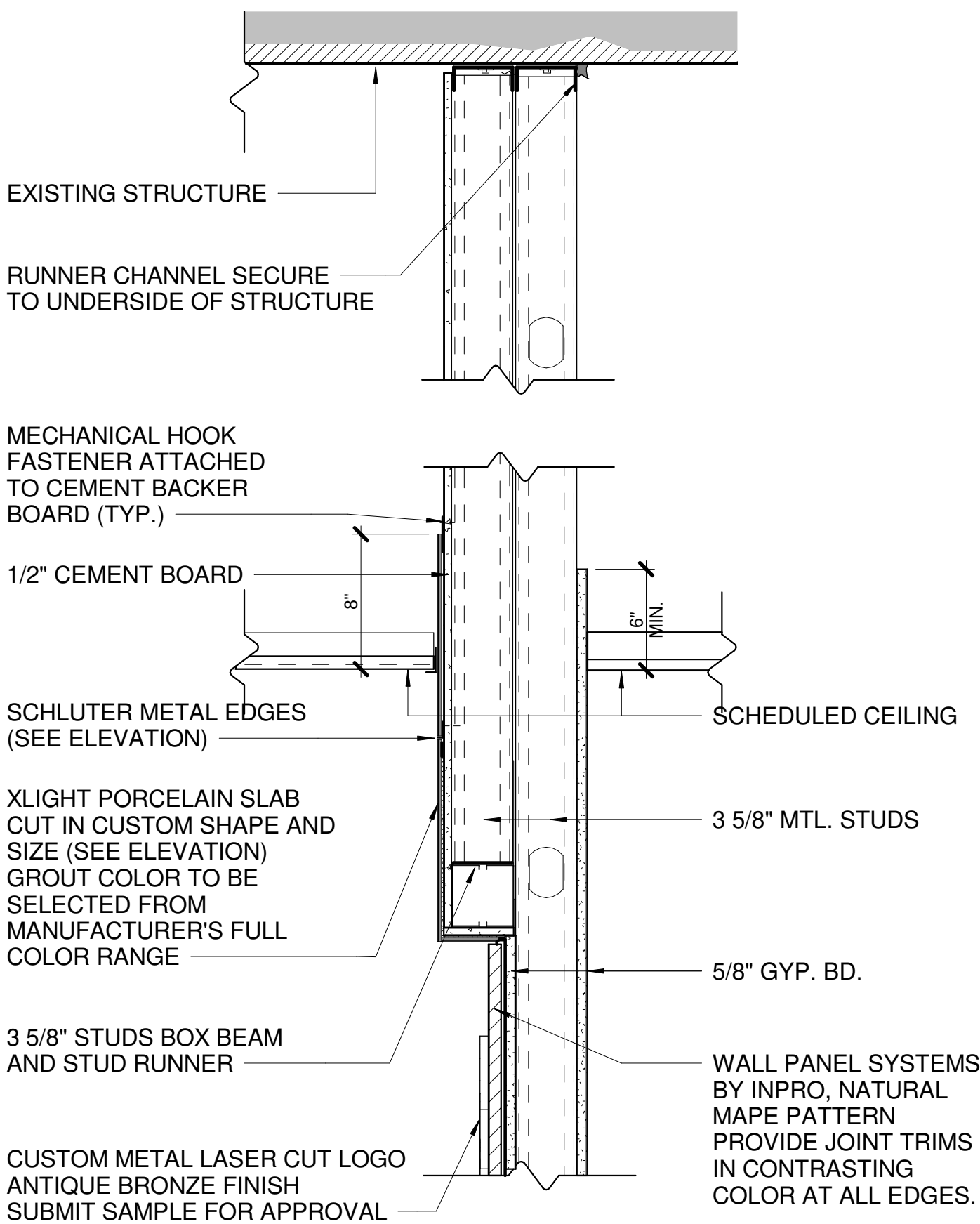
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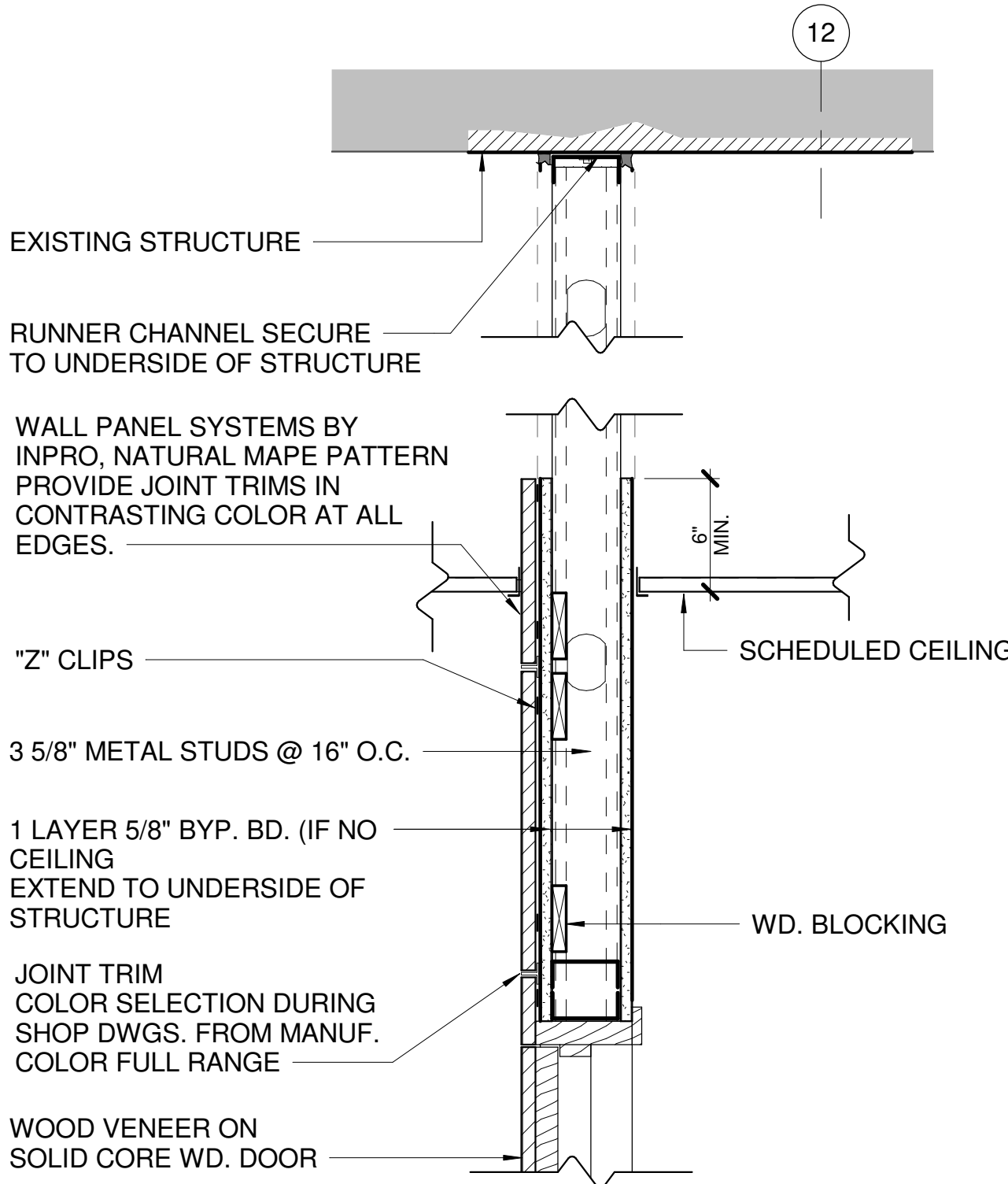
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PROJECT NUMBER: P21-008		
SHEET TITLE: INTERIOR DETAILS		
SHEET NUMBER: A-5.7		



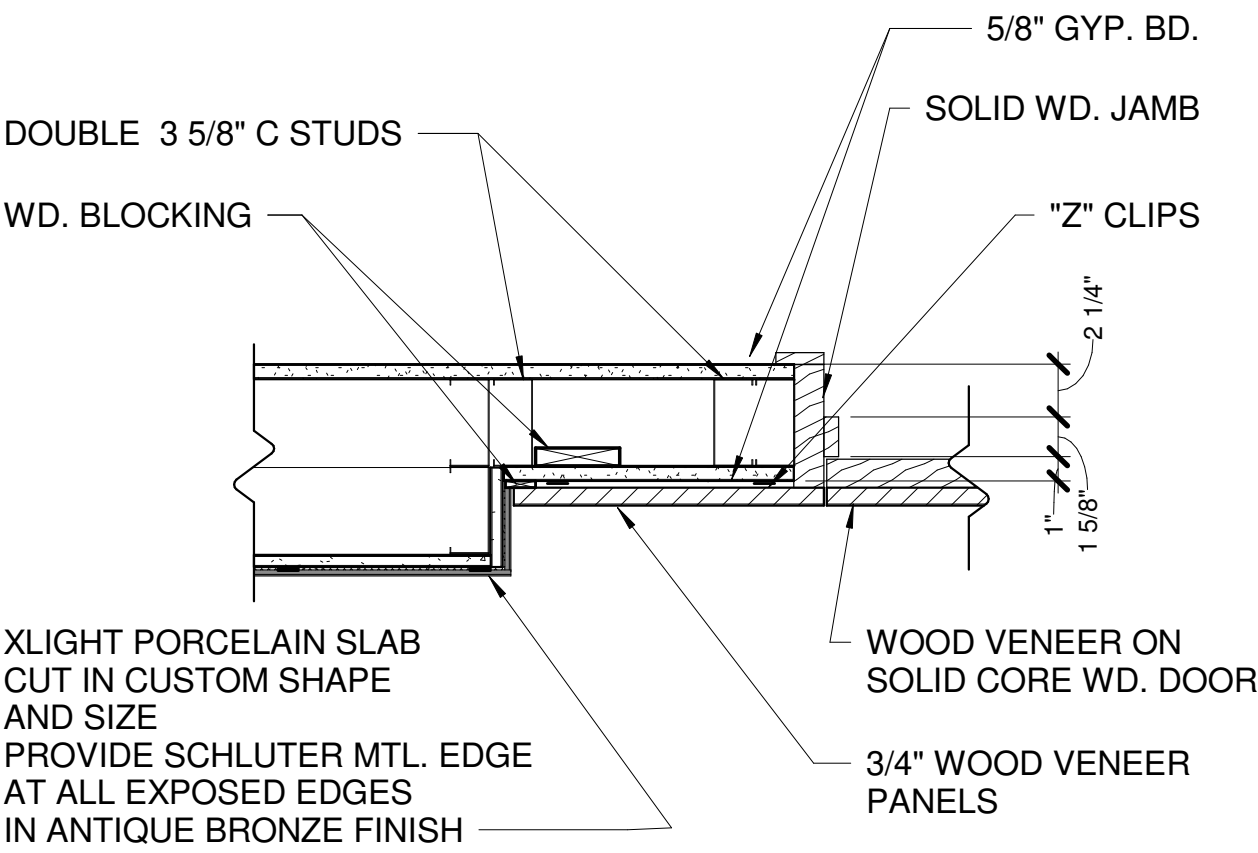
③ STAGE WALL - SECTION DETAIL C
SCALE: 1 1/2" = 1'-0"



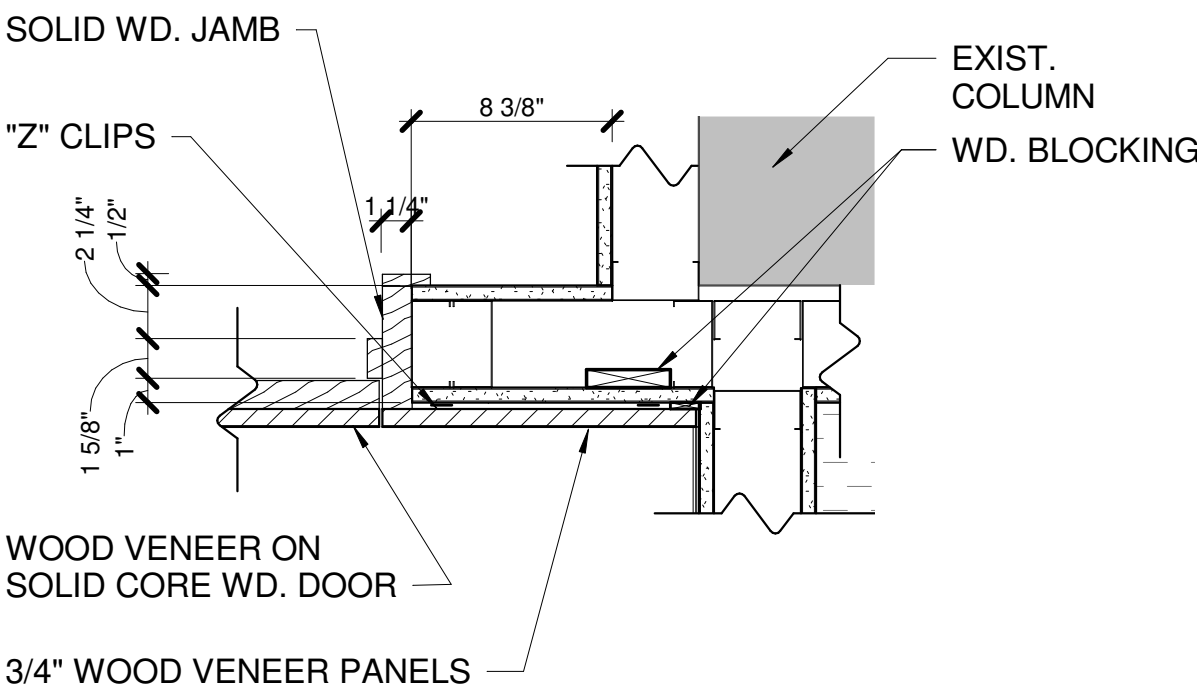
② STAGE WALL - SECTION DETAIL B
SCALE: 1 1/2" = 1'-0"



① STAGE WALL - SECTION DETAIL A
SCALE: 1 1/2" = 1'-0"



⑤ STAGE WALL - LEFT JAMB
SCALE: 1 1/2" = 1'-0"



④ STAGE WALL - RIGHT JAMB
SCALE: 1 1/2" = 1'-0"

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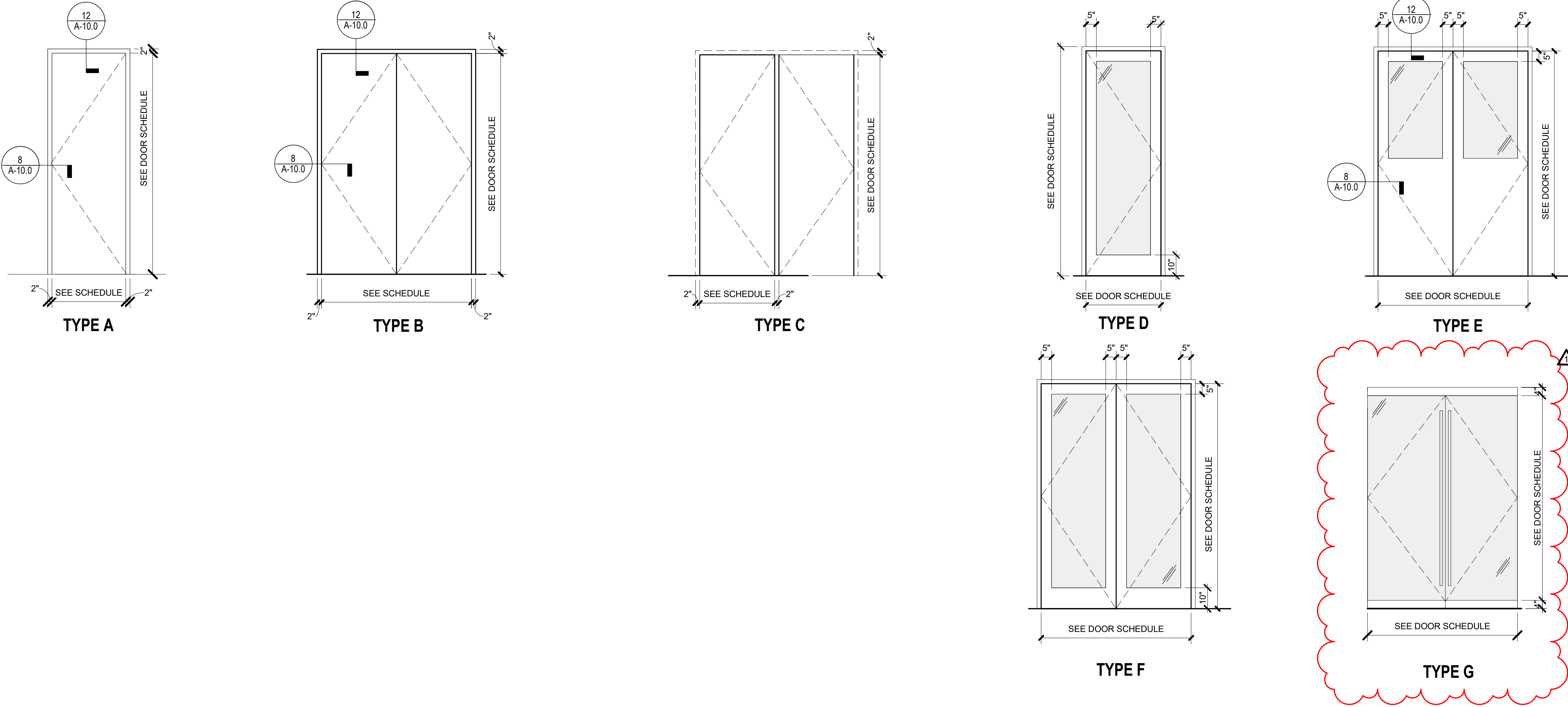
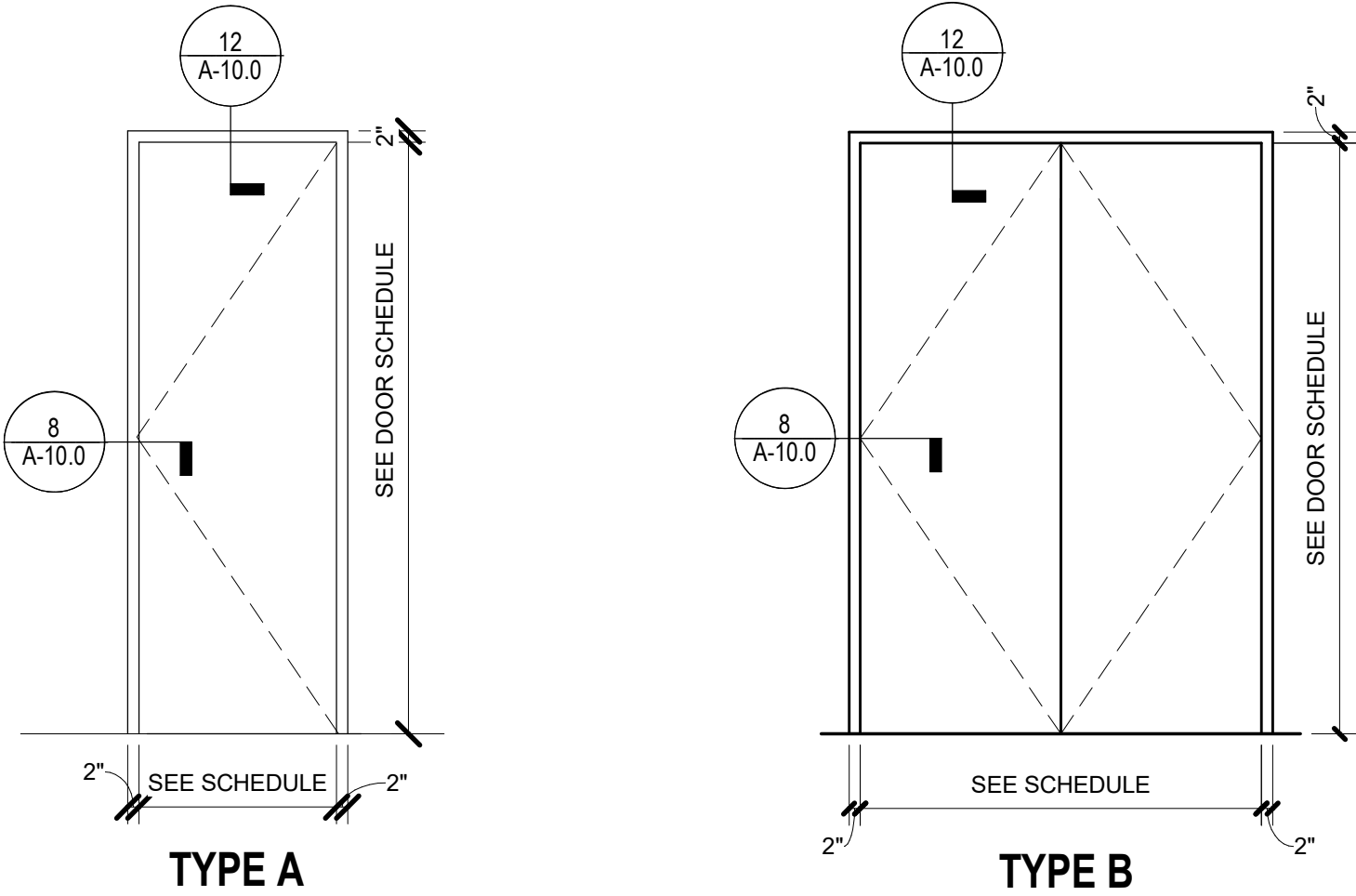
SHEET TITLE:
INTERIOR DETAILS

SHEET NUMBER:
A-5.8

DOOR SCHEDULE

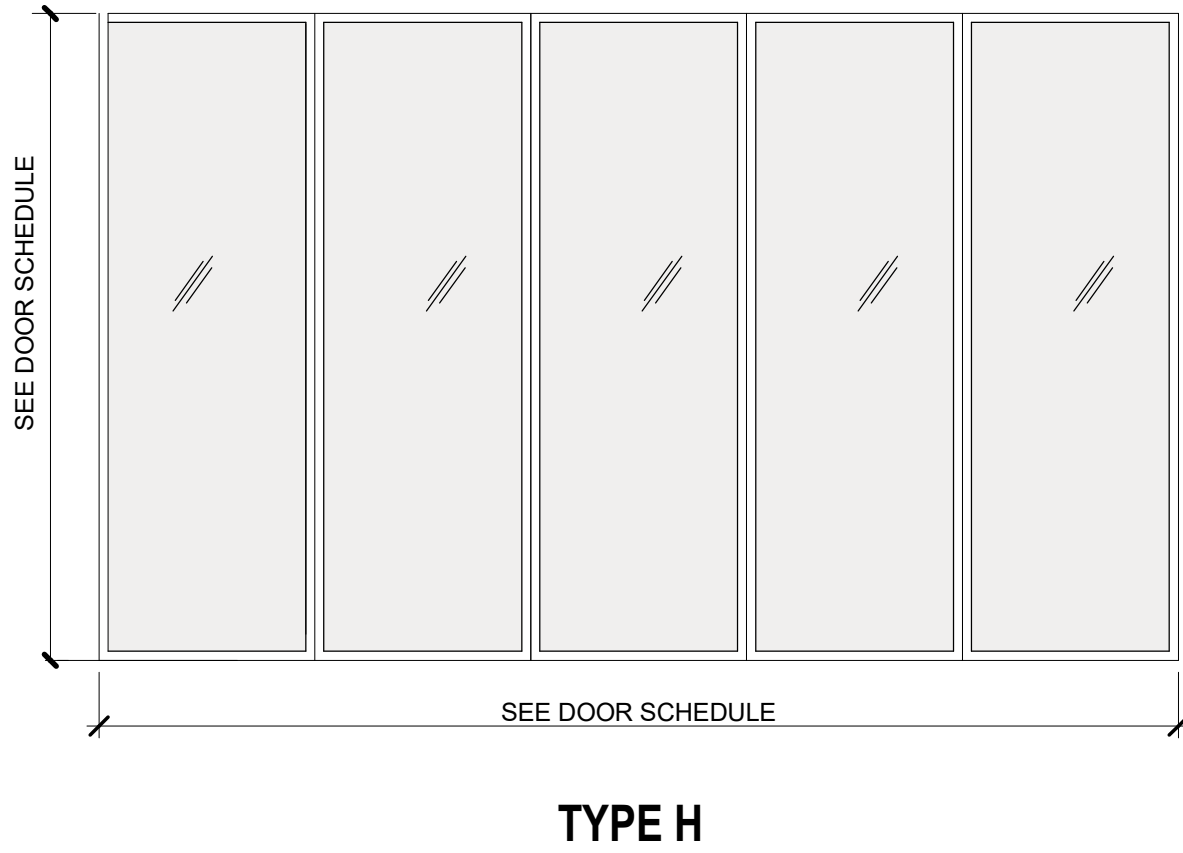
ROOM				INT/EXT	DOOR						FRAME					FIRE RATING	HW SET	REMARKS
DOOR #	ROOM #	ROOM NAME: OUT	ROOM NAME: IN		TYPE	MATERIAL	FINISH	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	DETAIL				
														HEAD	JAMB			
F000A		GALLERY	EXTERIOR	Exterior	F	GL / AL	FACTORY	6'-6"	7'-0"	2"							HW 1	PROVIDE AUTOMATIC DOOR OPERATOR AT ONE LEAF
F000B	F000	MULTIPURPOSE ROOM	GALLERY	Interior	B	WD	PTD	6'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 2	
F000C	F000	LIVING ROOM	GALLERY	Interior	G	GL / AL	SS	6'-0"	7'-0"	1 3/4"	-	-	-	H1	J1		HW 3	
F000D	F000	CORRIDOR	GALLERY	Interior	G	GL / AL	SS	6'-0"	7'-0"	1 3/4"	-	-	-	H1	J1		HW 4	
F000E	F000	CORRIDOR	CORRIDOR	Exterior	E	GL / WD	PTD	6'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 5	
F001A	F001	CORRIDOR	FUTURE OFFICE AREA	Interior	B	WD	PTD	6'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 6	
F001B	F001	CORRIDOR	FUTURE OFFICE AREA	Interior	A	WD	PTD	3'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 7	
F001C	F001C	FUTURE OFFICE AREA	OFFICE	Interior	A	WD	PTD	3'-0"	7'-0"	1 3/4"	-	EXST.	PTD	-	-		HW 8	
F002	F002	OPEN OFFICE	LIVING ROOM	Interior	D	GL / WD	PTD	3'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 8	
F002A	F002A	CORRIDOR	OPEN OFFICE	Interior	A	WD	PTD	3'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 8	
F002B	F002B	OPEN OFFICE	CONFERENCE ROOM	Interior	A	WD	PTD	3'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 8	
F002C	F000	IT / NETWORK CLOSET	CORRIDOR	Interior	A	WD	PTD	3'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 9	
F002D	F002D	OPEN OFFICE	OFFICE	Interior	A	WD	PTD	3'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 8	
F002E	F002E	OPEN OFFICE	OFFICE	Interior	A	WD	PTD	3'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 8	
F010A	F010A	CORRIDOR	STORAGE ROOM	Interior	B	WD	PTD	6'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 10	
F010B	F010	STORAGE ROOM	MULTIPURPOSE ROOM	Interior	C	WD	TRANS	5'-0"	7'-0"	1 3/4"	-	WD	TRANS	-	-		HW 11	
F010C	F010	STORAGE ROOM	MULTIPURPOSE ROOM	Interior	C	WD	TRANS	5'-0"	7'-0"	1 3/4"	-	WD	TRANS	-	-		HW 11	
F010D	F002B	MULTIPURPOSE ROOM	CONFERENCE ROOM	Interior	A	WD	PTD	3'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 8	
F010E	F000	MULTIPURPOSE ROOM	CORRIDOR	Interior	A	WD	PTD	3'-0"	7'-0"	1 3/4"	-	HM	PTD	H1	J1		HW 12	
F010F	F002	MULTIPURPOSE ROOM	LIVING ROOM	Interior	H	GL / AL	FACTORY	12'-0"	8'-0"	2 1/2"	-	-	-	-	-		HW 13	SLIDING GLASS PANEL PARTITION

DOOR AND FRAME ELEVATIONS

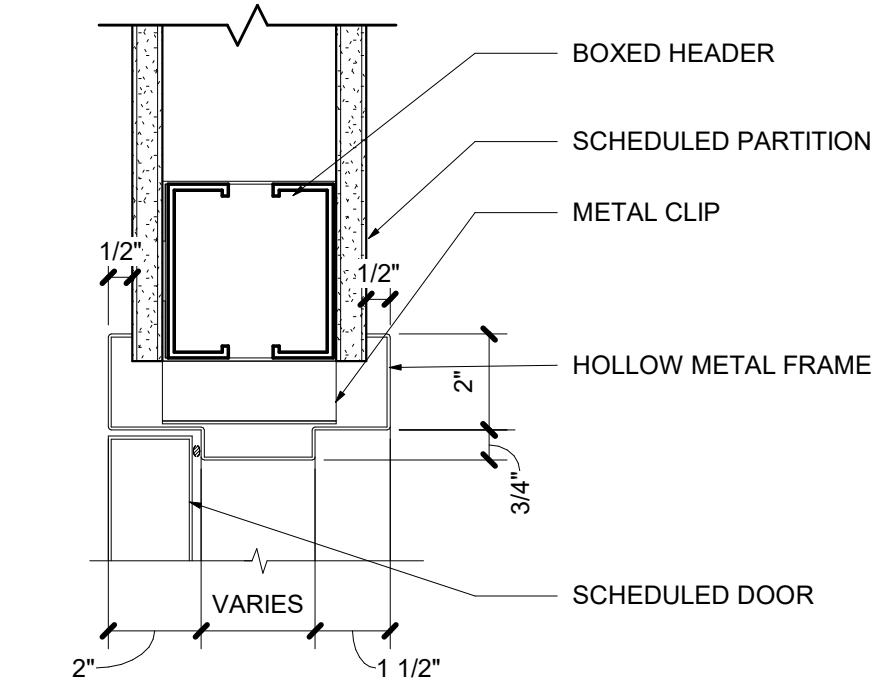


GENERAL NOTES:

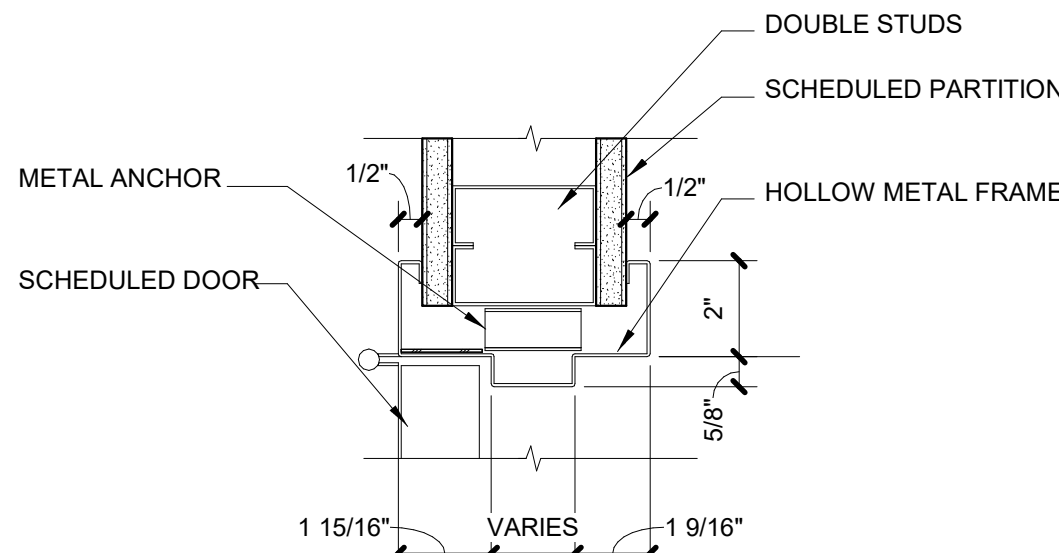
- REFER TO CONSTRUCTION PLAN FOR HAND OF DOOR.
- FABRICATE AND INSTALL WORK IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS. FINAL SHOP DRAWINGS AND MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.
- PROVIDE CUT OUTS, REINFORCEMENTS, ANCHORS, AND FASTENERS FOR ALL HARDWARE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- DOORS AND FRAMES SCHEDULED TO BE PAINTED ARE TO MATCH ADJACENT WALL FINISH UNLESS OTHERWISE NOTED.
- ALL DOORS SHALL HAVE UNDERCUTS OF 1/4" A.F.F. UNLESS OTHERWISE NOTED.
- ALL DOORS AND FRAMES SHALL BE FACTORY MACHINED TO RECEIVE HARDWARE. HARDWARE SUPPLIER SHALL PROVIDE CUTS AND/OR ACTUAL HARDWARE SUPPLIER SHALL PROVIDE CUTS AND/OR ACTUAL HARDWARE ITEMS TO METAL FRAME FABRICATOR PRIOR TO MACHINING OF FRAMES.
- KEYING OF ALL DOORS TO BE VERIFIED BY OWNER.
- ALL DIMENSIONS TO BE FIELD VERIFIED.
- COORDINATE ALL GLASS THICKNESSES AS SPECIFIED IN PROJECT MANUAL SECTION 08 80 00 GLAZING.
- ALL GLAZING TO BE TEMPERED.
- REFER TO PROJECT MANUAL SECTION 08 71 00 FOR DOOR HARDWARE SETS.
- COORDINATE POWER AND ACCESS REQUIREMENTS WITH DOOR HARDWARE AT ALL DOOR LOCATIONS.



DOOR FRAME DETAILS



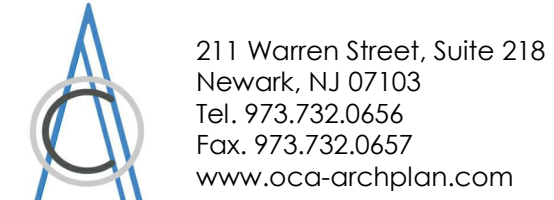
12 HOLLOW METAL FRAME HEAD DETAIL H-1
SCALE: 3" = 1'-0"



8 HOLLOW METAL FRAME JAMB DETAIL J-1
SCALE: 3" = 1'-0"

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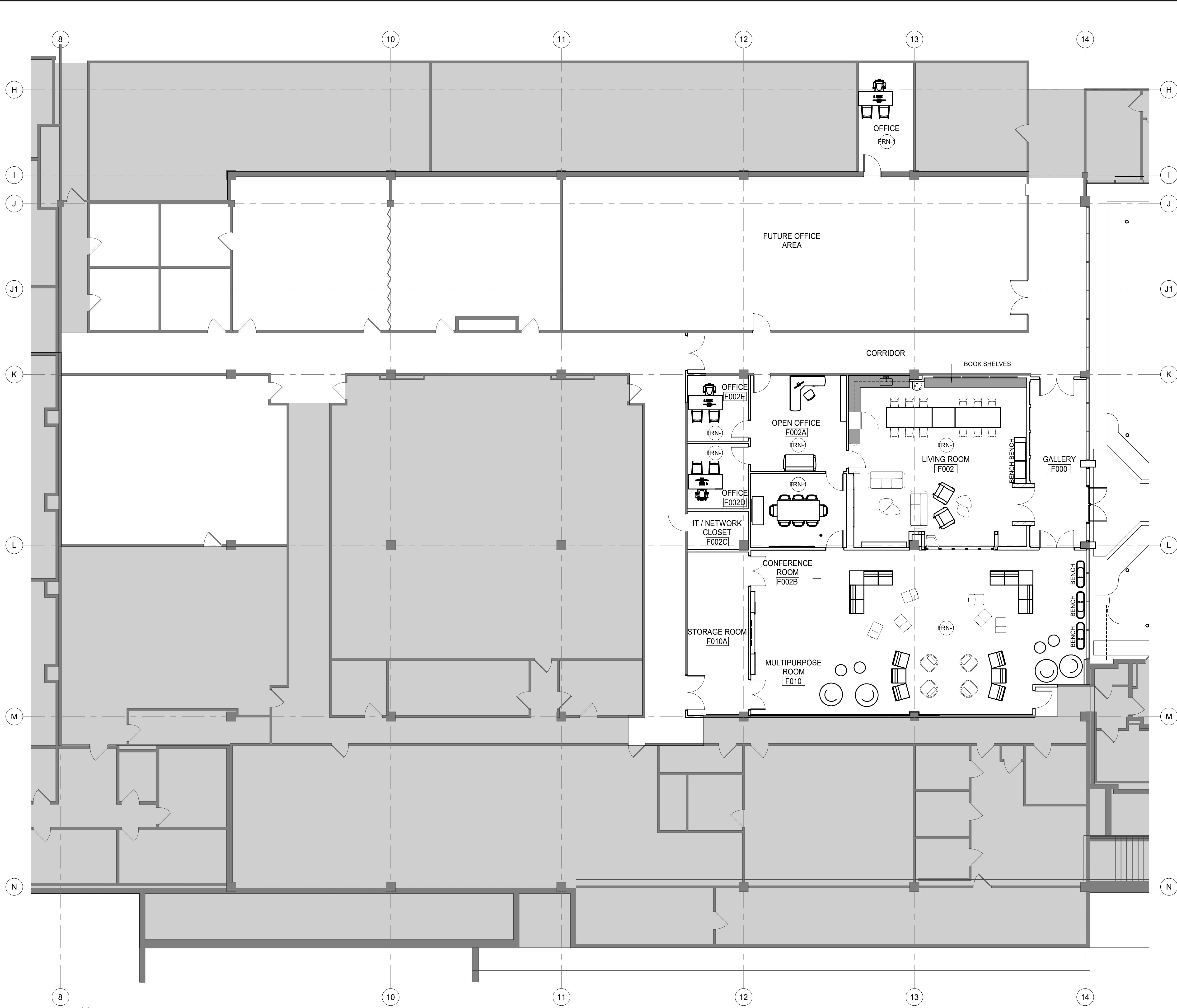
DRAWN BY: JC

CHECKED BY: GM

PROJECT NUMBER: P21-008

SHEET TITLE: DOOR SCHEDULE

SHEET NUMBER: A-10.0



SHEET NOTES

1. REFER TO DRAWINGS FOR ALL SPECIFICATIONS
2. DO NOT SCALE DRAWINGS
3. NOTIFY ARCHITECT FOR ON SITE INSPECTION OF EXTERIOR WALL PRIOR TO FABRICATION
4. NOTIFY ARCHITECT OF DISCREPANCIES, ERRORS OR OMISSIONS
5. ALL FINISHES TO BE INSTALLED PER MANUFACTURERS SPECS
6. SUBMIT ALL FIXTURES AND FINISHES TO THE ARCHITECT FOR WRITTEN APPROVAL PRIOR TO PURCHASE, FABRICATION OR INSTALLATION
7. PROVIDE 10 SF MOCK UP OF NEW FINISHES FOR ON SITE APPROVAL BY ARCHITECT
8. REFER TO A-9.0 FOR PARTITION TYPES AND NOTES
9. REFER TO A-12.1 FOR FINISH SCHEDULE
10. REFER TO ELECTRICAL DWGS AND E-6.0 FOR LIGHTING SCHEDULE AND ADDITIONAL INFORMATION
11. REFER TO T-1 & T-2 FOR APPLICABLE RENDERINGS
12. REFER TO A-5.5 FOR FIREPLACE INTERIOR DETAILS

FURNITURE KEY NOTES

FRN-1 ALL FURNITURE PROVIDED BY CLIENT AND NOT IN CONTRACT. FURNITURE PLAN PROVIDED FOR INFORMATION PURPOSES ONLY. CLIENT TO COORDINATE FURNITURE WITH PROJECT SCOPE.

LEGEND

	NEW WALL, V.I.F.		CR CARD READER
	EXISTING WALL, V.I.F.		PP PUSH PLATE
	LINE OF SCOPE OF WORK		
	DIMENSION TAKEN		
	DOOR IDENTIFICATION		
	WINDOW OR LOUVER TYPE		
	PARTITION TYPE (REFER TO PARTITION TYPE SHEET)		

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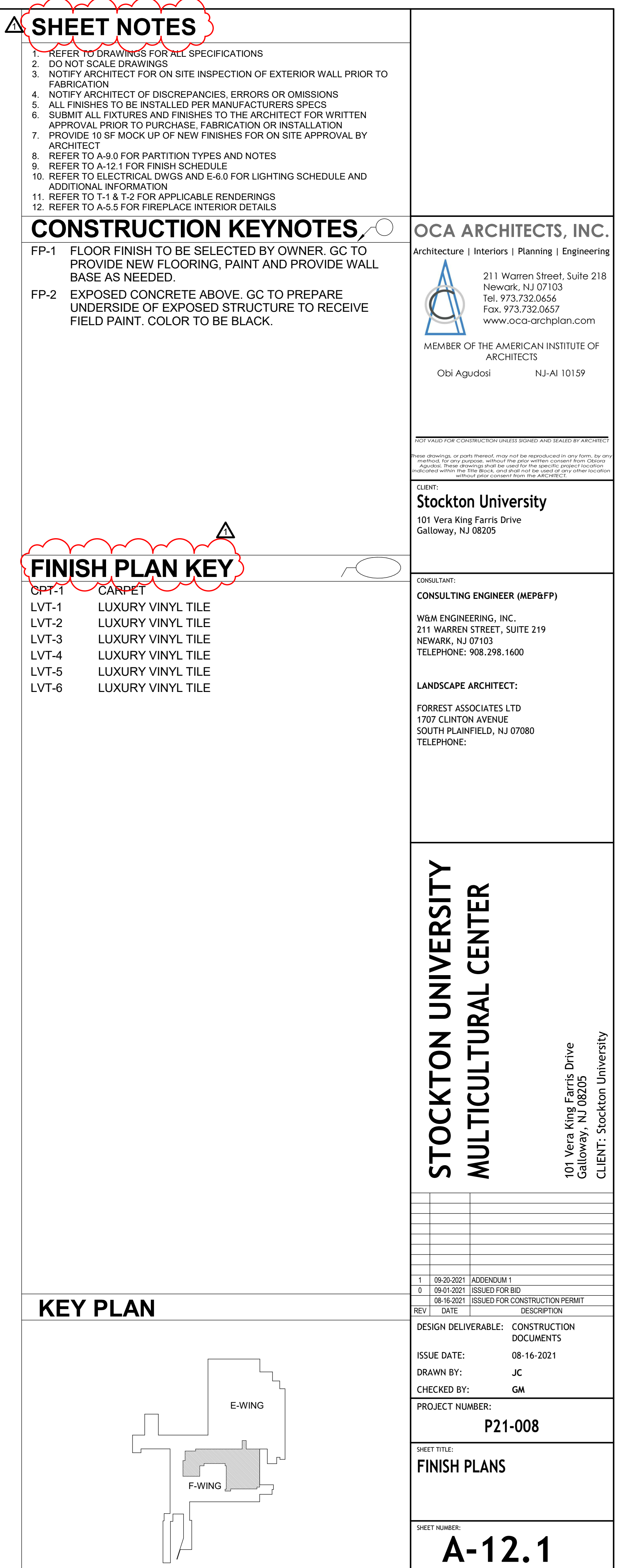
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P21-008

SHEET TITLE:
FURNITURE PLAN

SHEET NUMBER:
A-12.0



FINISH LEGEND						
KEY NAME	MATERIAL DESCRIPTION	MANUFACTURER	MODEL	COLOR	FINISH	REMARKS
ACT-1	ACOUSTICAL CEILING TILE -- 2'X2'	ARMSTRONG	FINE FISSURED #1820	WHITE	15/16" PRELUDE (XL) GRID -- WHITE	3/4" THK. HIGH ACOUSTICS
ACT-2	ACOUSTICAL CEILING TILE -- 2'X4'	ARMSTRONG	CIRRUS OPEN PLAN # 551	WHITE	15/16" PRELUDE (XL) GRID -- WHITE	
AL	ALUMINUM & GLASS DOOR					
CONC	SEALED CONCRETE SLAB -- CLEAR POLYURETHANE					SEE SPOCIFICATIONS
CPT-1	CARPET TILE	INTERFACE	BIKE PATH COLLECTION PB411	LICORICE TEAL 104661		OFFICES
CT-1	PORCELAIN SLAB WALL TILE	XLIGHT	118"X39 3/4" CUSTOM CUT	CONCRETE BLACK	NATURE	SCHLUTER MTL. EDGE, ANTIQUE BRONZE FINISH EDGES
EXC-1	EXPOSED STRUCTURE	-	-	-	-	
GWB-1	GYPSUM BOARD CEILING	-	-	-	-	-
HM-P	HOLLOW METAL DOOR -- PAINTED					
LVT-1	LUXURY VINYL TILE	SHAW CONTRACT	0927V	COVE POUR - COLOR NUMBER 27530		SEE PLAN FOR LAYOUT
LVT-2	LUXURY VINYL TILE	SHAW CONTRACT	0927V	COVE PLASTER - COLOR NUMBER 27111		SEE PLAN FOR LAYOUT
LVT-3	LUXURY VINYL TILE	SHAW CONTRACT	0927V	COVE WASH - COLOR NUMBER 27436		SEE PLAN FOR LAYOUT
LVT-4	LUXURY VINYL TILE	SHAW CONTRACT	0927V	COVE CORNERSTONE - COLOR NUMBER 27585		SEE PLAN FOR LAYOUT
LVT-5	LUXURY VINYL TILE	SHAW CONTRACT	0926V	#26140 "SPINDLE"	WOOD LOOK, HERRINGBONE PATTERN	
LVT-6	LUXURY VINYL TILE	SHAW CONTRACT	0926V	#26502 "BEECH"	WOOD LOOK, HERRINGBONE PATTERN	
PT-1	PAINT	BENJAMIN MOORE		# 1607 "CHEATING HEART"	DARK GREY	WALL PAINT
PT-2	PAINT	SHERWIN WILLIAMS		SW 7641 "COLONNADE GRAY"	LIGHT GREY	WALL PAINT
PT-3	PAINT	BENJAMIN MOORE	READYMIX	"ATRIUM WHITE"	FLAT	CEILING & SOFFITS
PT-4	PAINT	BENJAMIN MOORE	READYMIX	"BONE WHITE"	SEMI-GLOSS	METAL FRAMES
WB-1	RUBBER WALL BASE -- 4"	JOHNSONITE	STRAIGHT BASE	# 85 "BURGUNDY"		WITH CARPET ONLY
WBC-1	WOOD BAFFLE	ARMSTRONG	7099 DOGLC	-	-	
WD	WOOD DOOR	GRAHAM			PLAIN SLICED WHITE MAPLE	SEE DOOR SCHEDULE FOR MORE INFORMATION
WDC-1	WOOD PANEL SYSTEM	INPRO	WOODLAND FAUX WOOD PATTERN	#0531 "NATURAL MAPE"		CONTRASTING COLOR JOINT TRIMS
WDP-1	WOOD PANEL CEILING	ARMSTRONG	WOODWORKS TEGULAR 5404, W2 PERFORATIONS			MAPLE WITH SUPRAFINE XL 9/16" EXPOSED TEE SUSP. SYSTEM

ROOM FINISH SCHEDULE											
RM No.	ROOM NAME	WALL FINISH				FLOOR FINISH	BASE FINISH	CEILING FINISH	DOOR FINISH		Remarks
		EAST	NORTH	SOUTH	WEST				DOOR INTERIOR	DOOR FRAME INTERIOR	
F000	GALLERY	AL	PT-1, AL	PT-1, AL	WDC-1, PT-1	LVT-1	WB-1	SEE CEILING PLAN	AL	AL	
F000	CORRIDOR	SEE CONST. NOTE						SEE CEILING PLAN			
F000	CORRIDOR	SEE CONST. NOTE						SEE CEILING PLAN			
F001	FUTURE OFFICE AREA	SEE CONST. NOTE									
F001C	OFFICE	SEE CONST. NOTE									
F002	LIVING ROOM	PT-1	PT-1	PT-1	CT-1, WDC-1	LVT-1,LVT-2,LVT-3,LVT-4	WB-1	SEE CEILING PLAN			
F002A	OPEN OFFICE	PT-1	PT-1	PT-1	PT-1	CPT-1	WB-1	SEE CEILING PLAN	PT-3		
F002B	CONFERENCE ROOM	PT-4	PT-4	PT-4	PT-4	CPT-1	WB-1	SEE CEILING PLAN	PT-3		
F002C	IT / NETWORK CLOSET	PT-2	PT-4	PT-4	PT-4	CPT-1	WB-1	SEE CEILING PLAN	PT-3		
F002D	OFFICE	PT-2	PT-1	PT-1	PT-1	CPT-1	WB-1	SEE CEILING PLAN	PT-3		
F002E	OFFICE		PT-2	PT-2	PT-2	CPT-1	WB-1	SEE CEILING PLAN	PT-3		
F003	CHEMISTRY LAB	SEE CONST. NOTE									
F004	ROWING ROOM	SEE CONST. NOTE									
F004A	RESEARCH	SEE CONST. NOTE									
F004B	OFFICE	SEE CONST. NOTE									
F004C	OFFICE	SEE CONST. NOTE									
F004D	OFFICE	SEE CONST. NOTE									
F005	BIOMETHOD	SEE CONST. NOTE									
F006	PHYSIOLOGY	SEE CONST. NOTE									
F006A	PHYSIOLOGY STORAGE	SEE CONST. NOTE									
F008	SERVICE LEARNING	SEE CONST. NOTE									
F009	SERVICE LEARNING	SEE CONST. NOTE									
F009A	SERVICE LEARNING	SEE CONST. NOTE									
F010	MULTIPURPOSE ROOM	AL	PT-1, PT-2	PT-1, PT-2	WDC-1, CT-1	LVT-5, LVT-6	WB-1	SEE CEILING PLAN		WDC-1	HERRINGBONE PATTERN AT FLOOR
F010A	STORAGE ROOM	SEE CONST. NOTE									
F022	PRINT SHOP	SEE CONST. NOTE									
F025	MAILROOM / MAILBOXES	SEE CONST. NOTE									

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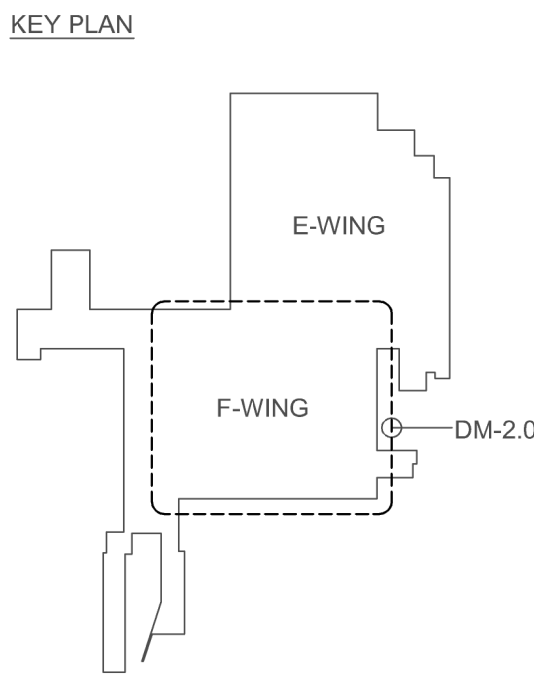
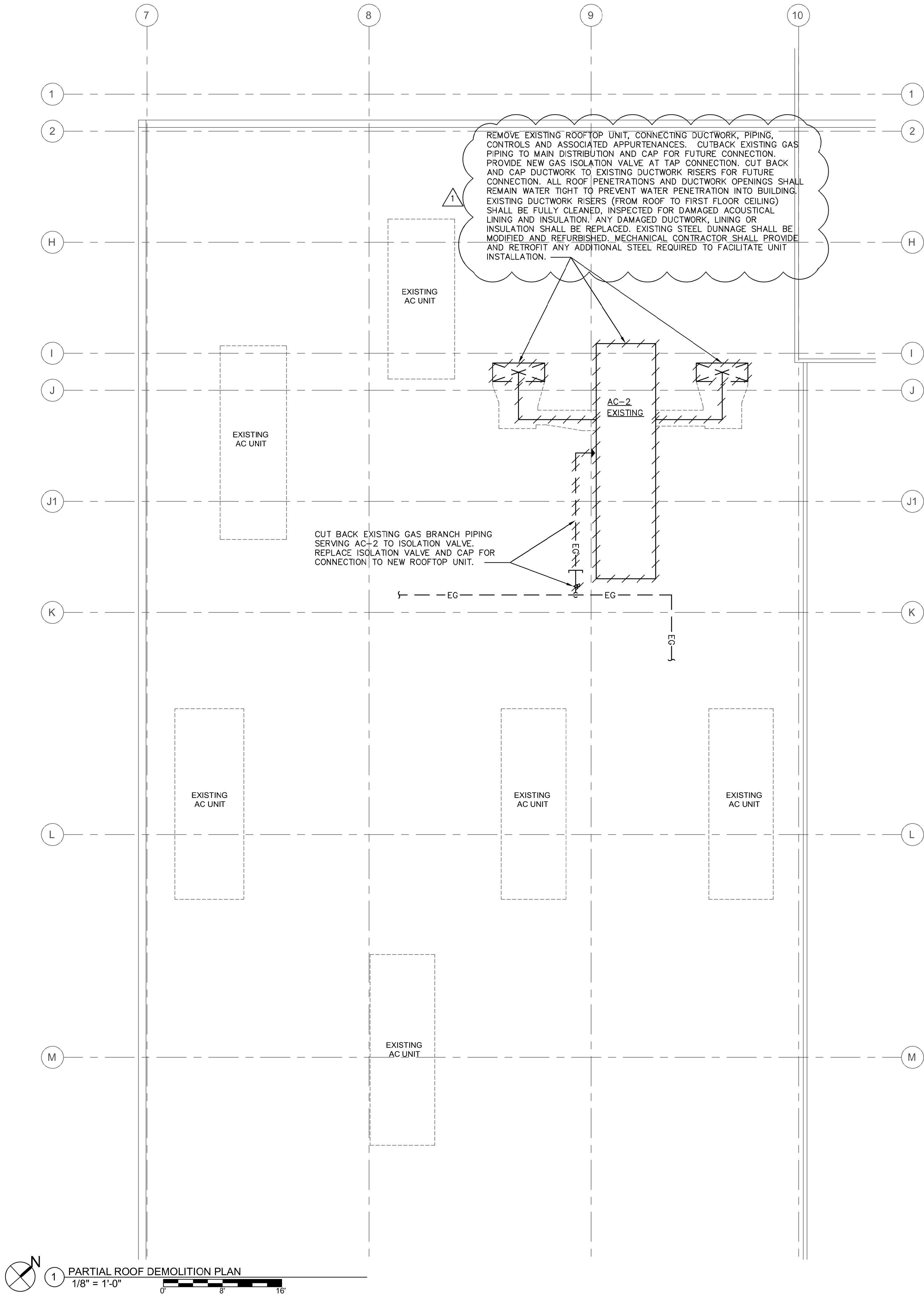
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SHEET TITLE:

FINISH SCHEDULE

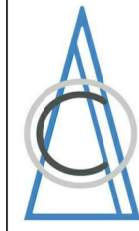
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MULTICULTURAL CENTER

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CLIENT: Stockton University

REV.	DATE	DESCRIPTION
1	08-20-2021	ADDENDUM 1
	08-01-2021	ISSUED FOR BID
	08-16-2021	ISSUED FOR CONSTRUCTION PERMIT

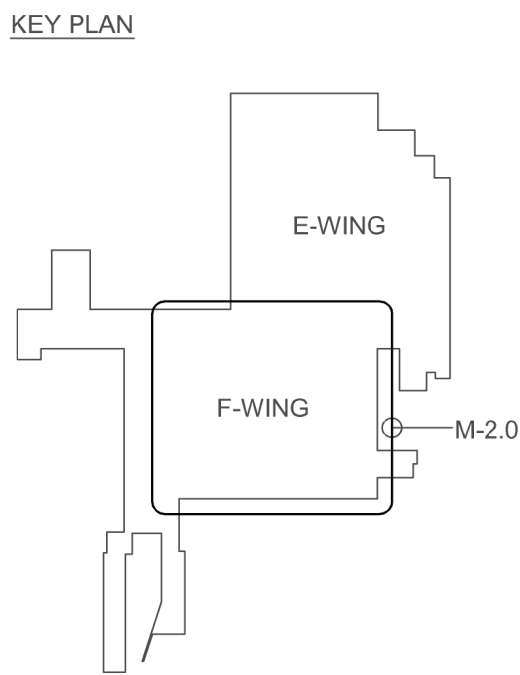
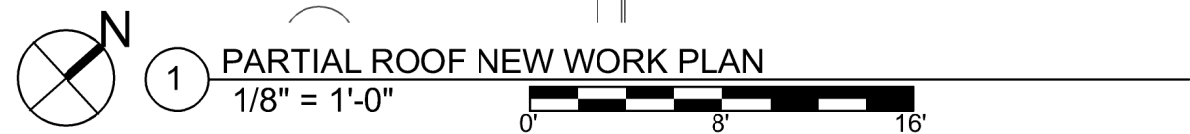
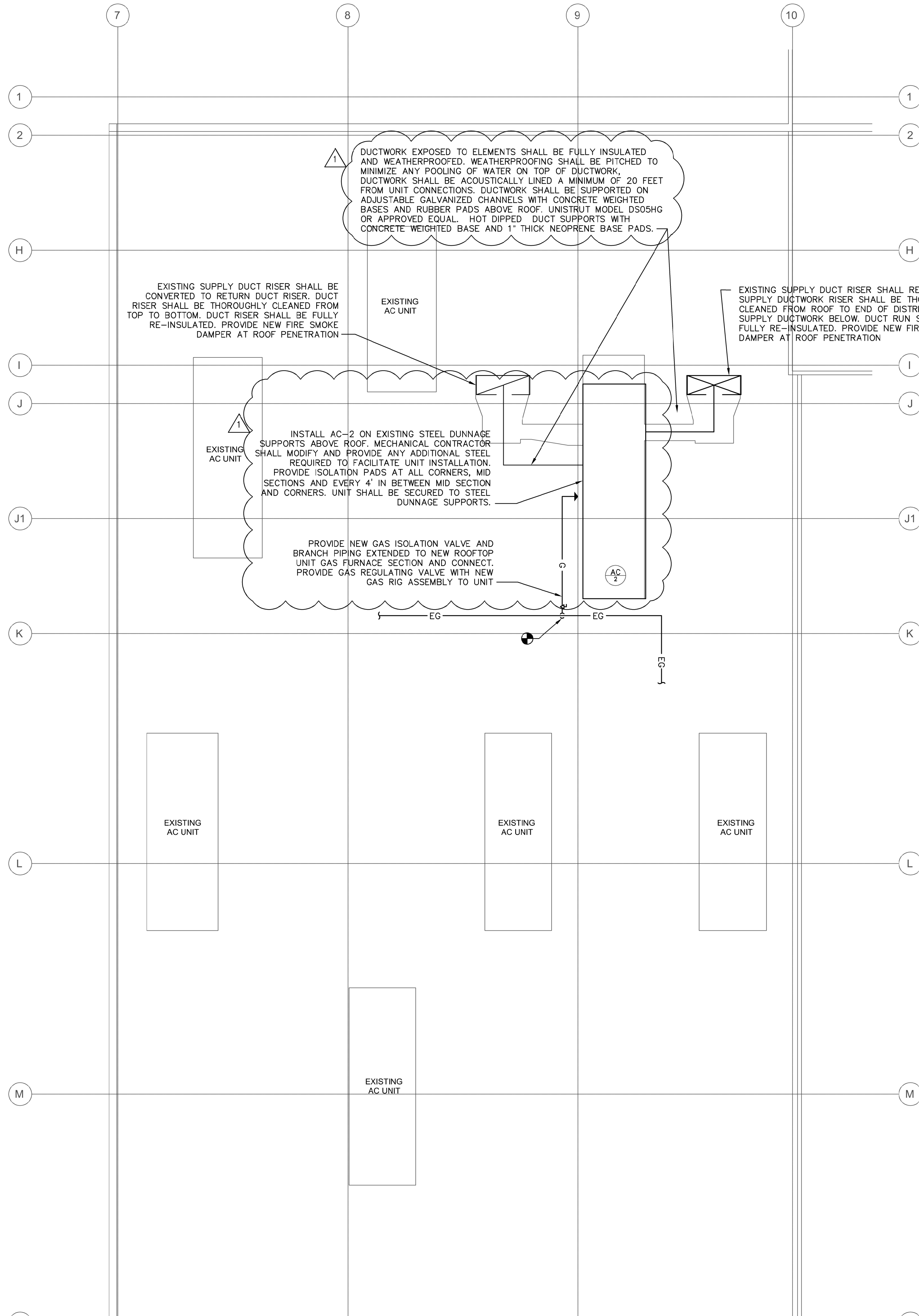
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CHECKED BY:	WP

PROJECT NUMBER:
P2106

SHEET TITLE:
MECHANICAL PARTIAL
ROOF DEMOLITION
PLAN

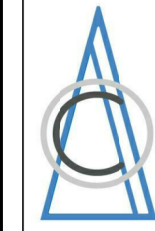
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DRAWN BY: KS

CHECKED BY: WP

PROJECT NUMBER:

P2106

SHEET TITLE:

**MECHANICAL PARTIAL
ROOF NEW WORK PLAN**

SHEET NUMBER:

M-2.0

SCHEDULE OF VAV TERMINAL AIR BOX									
MARK	MODEL No. ①	MIN/MAX. CFM	INLET SIZE (IN)	MINIMUM INLET S.P.(N)	HOT WATER COIL DATA				REMARKS
					CAP. (MBH)	GPM	EWI (°F)	HEAD LOSS (FT)	
VAV-1 	VCWF	40/750	8	-	33.0	2.0	180	-	REFER TO ① 3 4 5 6
VAV-2 		770/1000	10	-	44.0	5		-	
VAV-3 		20/125	4	-	5.5	1		-	
VAV-4 		40/250	5	-	11.0	2		-	
VAV-5 		125/250	5	-	11.0	2		-	
VAV-6 		80/250	5	-	11.0	2		-	
VAV-7 		1350/1800	12	-	72.6	8		-	
VAV-8 		3060/3060	16	-	126.0	13		-	
VAV-9 		2760/2760	16	-	126.0	13		-	
VAV-10 		750/1250	12	-	66.0	7		-	
VAV-11 		80/500	8	-	22.0	3		-	
VAV-12 		80/500	8	-	22.0	3		-	
VAV-13 		50/150	5	-	6.0	1		-	
VAV-14 		150/700	8	-	33.0	4		-	
VAV-15 		150/700	8	-	33.0	4		-	
VAV-16 		80/700	8	-	22.0	3		-	
VAV-17 		300/1000	10	-	44.0	5		-	
VAV-18 		300/1000	10	-	44.0	5		-	
VAV-19 		300/1000	10	-	44.0	5		-	

N O T E S

- ① AS MANUFACTURED BY "IRANE".
- ② INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- ③ PROVIDE 1" THICK ACOUSTICAL LINER AND 2-ROW HOT WATER COIL.
- ④ SET MINIMUM CFM OF EACH BOX TO INDICATED MIN/MAX VALUES.
- ⑤ CONTRACTOR TO COORDINATE RH OR LH CONTROLS WITH SHEET METAL SUB-CONTRACTOR. CLEARANCE SHALL BE PROVIDED TO SERVICE THE CONTROLS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- ⑥ ALL VAV BOX WIRING REGARDLESS OF VOLTAGE SHALL BE BY HVAC CONTRACTOR AND SHALL BE COORDINATED WITH THE AUTOMATED TEMPERATURE CONTROL CONTRACTOR. WHERE VAV BOXES ARE SUPPLIED WITH LINE VOLTAGE, HVAC CONTRACTOR SHALL PROVIDE A THERMAL SWITCH AND ANY POWER REQUIREMENTS FOR EACH VAV BOX AND ANY TRANSFORMER REQUIRED FOR PROPER OPERATION.

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
ROOM NAME/NUMBER	ROOM AREA (SQ.FT.)	PEOPLE DENSITY (#P/1000SQ.FT)	PEOPLE OUTDOOR AIR FLOW RATE (CFM/PERSON)	BREATHING ZONE OUTDOOR AIR FLOW RATE (CFM/SQ.FT.)	EXHAUST AIR FLOW RATE (CFM/SQ.FT.)	NUMBER PEOPLE (Ax B)÷1000=#P	OUTDOOR AIR FLOW RATE WITHOUT ZONE EFFECTIVENESS FACTOR (Fx C)+(Ax D)=CFM	ZONE AIR DISTRIBUTION EFFECTIVENESS FACTOR	MINIMUM ROOM VENTILATION AIR FLOW RATE G+H=CFM
OFFICE#1	132	5	10	0.06	–	1	20	1.0	20
RESEARCH OFFICE	132	5	10	0.06	–	1	20	1.0	20
FACILITY RESEARCH	744	5	10	0.06	–	4	85	1.0	85
STORAGE STOCK ROOM	780	–	–	0.06	–	–	–	1.0	–
BIOMETHOD	1153	25	10	0.18	1.0	30	510	1.0	510
INORGANIC CHEM LAB	2664	25	10	0.18	1.0	70	1180	1.0	1180
OFFICE#4	184	5	10	0.06	–	1	25	1.0	25
OFFICE#2	132	5	10	0.06	–	1	20	1.0	20
OFFICE#3	132	5	10	0.06	–	1	20	1.0	20
OPEN OFFICE	282	5	10	0.06	–	2	40	1.0	40
CONF. ROOM	218	50	10	0.06	–	11	125	1.0	125
STORAGE ROOM	309	–	–	0.06	–	–	–	1.0	–
FLEX/MULTI ROOM	1654	100	7.5	0.06	–	165	1350	1.0	1350
LIVING ROOM	950	100	7.5	0.06	–	95	770	1.0	770
GALLERY	308	5	10	0.06	–	2	40	1.0	40
CORRIDOR F001	1812	–	–	0.06	–	–	110	1.0	110
CORRIDOR F000	769	–	–	0.06	–	–	50	1.0	50
<div><div><div>ART CLASSROOM—PEOPLE DENSITY 20PEOPLE/1000SQ.FT.; PEOPLE OUTDOOR AIR FLOW RATE 10CFM/PERSON; AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE 0.18CFM/SQ.FT.; EXHAUST AIR FLOW RATE 0.7CFM/SQ.FT.</div><div>SCIENCE CLASSROOM—PEOPLE DENSITY 25PEOPLE/1000SQ.FT.; PEOPLE OUTDOOR AIR FLOW RATE 10CFM/PERSON; AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE 0.18CFM/SQ.FT.; EXHAUST AIR FLOW RATE 1.0CFM/SQ.FT.</div><div>TYPICAL CLASSROOM—PEOPLE DENSITY 35PEOPLE/1000SQ.FT.; PEOPLE OUTDOOR AIR FLOW RATE 10CFM/PERSON; AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE 0.12CFM/SQ.FT.;</div><div>AUDITORIUM.—PEOPLE DENSITY 150PEOPLE/1000SQ.FT.; PEOPLE OUTDOOR AIR FLOW RATE 5CFM/PERSON; AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE 0.06CFM/SQ.FT.;</div><div>MULTIUSE.—PEOPLE DENSITY 100PEOPLE/1000SQ.FT.; PEOPLE OUTDOOR AIR FLOW RATE 7.5CFM/PERSON; AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE 0.06CFM/SQ.FT.;</div></div><div><div>TYPICAL OFFICES—PEOPLE DENSITY 5PEOPLE/1000SQ.FT.; PEOPLE OUTDOOR AIR FLOW RATE 5CFM/PERSON; AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE 0.06CFM/SQ.FT.;</div><div>LIBRARY.—PEOPLE DENSITY 10PEOPLE/1000SQ.FT.; PEOPLE OUTDOOR AIR FLOW RATE 5CFM/PERSON; AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE 0.12CFM/SQ.FT.;</div><div>CAFETERIA/LOUNGE—PEOPLE DENSITY 100PEOPLE/1000SQ.FT.; PEOPLE OUTDOOR AIR FLOW RATE 7.5CFM/PERSON; AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE 0.18CFM/SQ.FT.;</div><div>CONFERENCE ROOM—PEOPLE DENSITY 50PEOPLE/1000SQ.FT.; PEOPLE OUTDOOR AIR FLOW RATE 5CFM/PERSON; AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE 0.06CFM/SQ.FT.;</div><div>GYM.—AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE 0.30CFM/SQ.FT.;</div><div>CORRIDORS — AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE 0.06CFM/SQ.FT.;</div></div><div><div>ZONE AIR DISTRIBUTION EFFECTIVENESS FACTOR—CEILING SUPPLY AND RETURN WARM AIR 0.8; 1.0 SHALL BE PERMITTED IF THE SUPPLY AIR TEMPERATURE IS LESS THAN 15°F ABOVE SPACE TEMPERATURE AN PROVIDED THAT THE 150 FOOT/MINUTE SUPPLY AIR REACHES WITHIN 4-1/2 FEET OF FLOOR.</div><div>ZONE AIR DISTRIBUTION EFFECTIVENESS FACTOR—CEILING OR FLOOR SUPPLY COOL AIR 1.0; CEILING OR FLOOR SUPPLY WARM AIR AND FLOOR RETURN 1.0.</div></div></div>									

	MINIMUM		SUPPLY FAN				COOLING						HEATING				ELECTRICAL				FILTER				SIZE (INCHES)			OPER.	MANUFACTURER	REMARKS
TAG	OA	SA	E.S.P. /	FAN	MOTOR	TOTAL	SENS.	AMBIENT	EAT		LAT		INPUT	OUTPUT	EAT	LAT	VOLTAGE/	MCA	MOC	IEER	MERV	THICK	L	W	H	WEIGHT	AND MODEL NO.			
	(CFM)	CFM	T.S.P.	RPM	HP	CAP.	CAP.	AIR	DB	WB	DB	WB	CAP.	CAP.	DB	DB	Ø/HZ						(IN)	(IN)	(IN)	(LBS.)				
			(IN. WG.)			(MBH)	(MBH)	(°F)	(°F)	(°F)	(°F)	(°F)	(MBH)	(MBH)	(°F)	(°F)														
AC-2	9655	16,000	4.0	800	15	580	436	95/67	-	-	55	54	800	648	50	90	460/3/60	131	150	11.4	13	2"	336	98	108	11,000	TRANE VOYAGER 3-1 OANG050F3-DAB10BR00-R1B1N3AL3-01B20J13A	SEE NOTES 1,2,3		

1. PROVIDE UNIT WITH HIGH EFFICIENCY DIGITAL COMPRESSORS, VAV CONTROLS, VFD'S, 6 ROW MULTI CIRCUITED DX COOLING COIL, FULLY MODULATING GAS HEAT SECTION WITH STAINLESS STEEL BURNERS, FAN PIEZO AND GROUNDING RINGS, SINGLE ELECTRICAL CONNECTION, CARBON MONOXIDE SENSOR, UV LIGHT BETWEEN HOT GAS REHEAT COIL AND DX COIL, POWERED CONVENIENCE OUTLET, WEATHERPROOF NON-FUSED DISCONNECT SWITCH, SERVICE LIGHTS, STAINLESS STEEL DRAIN PAN, P-TRAP, CONDENSATE OVERFLOW SWITCH, ENERGY RECOVERY WHEEL SECTION WITH FULL SIZE BY-PASS AROUND WHEEL, WHEEL FREEZE PROTECTION, FULL ECONOMIZER AND POWERED EXHAUST CONTROLS WITH ULTRA LOW LEAK DAMPERS, FULLY MODULATION DAMPER CONTROLS, HEAD PRESSURE CONTROLS, DIRTY FILTER INDICATION, DDC LOCAL CONTROL PANEL, REMOTE PROGRAMMABLE THERMOSTAT AND BACnet CONTROLS INTEGRATED INTO EXISTING JOHNSON BMS CONTROLS.

2. SECURE UNIT TO EXISTING STRUCTURAL STEEL DUNNAGE. MECHANICAL CONTRACTOR SHALL PROVIDE ANY ADDITIONAL STEEL FRAMING AND SUPPORTS REQUIRED TO FACILITATE UNIT INSTALLATION. PROVIDE NEOPRENE VIBRATION PADS AND SECURE UNIT TO DUNNAGE SUPPORTS.

3. PROVIDE UNIT WITH HORIZONTAL DISCHARGE AND RETURN DUCTWORK CONNECTIONS, HAIL GUARD COIL AND FAN PROTECTION, PHASE LOSS AND BROWNOUT PROTECTION AND DOUBLE WALL INSULATE CASING. COORDINATE SUPPLY AND RETURN DUCT SMOKE DETECTORS WITH FIRE ALARM AND ELECTRICAL CONTRACTORS.

TOP REGISTER SUPPLY GRILLE SCHEDULE (TITUS MODEL 300RS AS STD.)			
SYMBOL	SIZE	MAX. CFM	DUCT SIZE
SG-A	10 X 6	200	10X6
SG-B	18 X 6	400	18X6
SG-C	18 X 8	600	18X8
SG-D	24 X 10	800	24X10
SG-E	24 X 12	1000	24X12
SG-F	30 X 12	1250	30X12
SG-G	36 X 12	1400	36X12


SYMBOL	SIZE	MAX. CFM	DUCT SIZE
RG-A	10 X 6	200	10X6
RG-B	18 X 6	400	18X6
RG-C	18 X 8	600	18X8
RG-D	24 X 10	800	24X10
RG-E	24 X 12	1000	24X12
RG-F	30 X 12	1250	30X12
RG-G	36 X 12	1400	36X12

DIFFUSER SCHEDULE (TITUS MODEL QWNI AS STD.)					
FACE SIZE	NECK SIZE	PATTERN	BLANK-OFF	MAX-CFM	SYMBOL
12X12	8"	4 WAY	NONE	220	☒
24X24	8"	4 WAY	NONE	220	☒
24X24	8"	4 WAY	1	165	☒
24X24	8"	4 WAY	2	110	☒
24X24	8"	4 WAY	3	55	☒
24X24	10"	4 WAY	NONE	380	☒
24X24	10"	4 WAY	1	285	☒
24X24	10"	4 WAY	2	190	☒
24X24	10"	4 WAY	3	95	☒
24X24	12"	4 WAY	NONE	480	☒
24X24	12"	4 WAY	1	360	☒
24X24	12"	4 WAY	2	240	☒
24X24	12"	4 WAY	3	120	☒

<h2 style="text-align: center;">RETURN REGISTER SCHEDULE</h2> <p style="text-align: center;">(TITUS MODEL OMNI WITH 15" Ø NECK AS STD.)</p>	
SIZE	NON DUCTED MAX. CFM WITH LIGHT SHIELD
24 x 24	350
<p>ALL OMNI DIFFUSERS LOCATED IN CEILING WITH 30X30 TILES SHALL BE INSTALLED WITH RAPID MOUNT FRAME MODEL TDRM</p>	

<h2 style="text-align: center;">BRANCH DUCT SIZE SCHEDULE</h2> <p style="text-align: center;">(LOW PRESSURE DUCTWORK ONLY)</p>	
DUCT SIZE	MAXIMUM CFM
14 x 4	200
14 x 6	400
16 x 6	450
18 x 6	525
20 x 6	600

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P2106		
SHEET TITLE:		
MECHANICAL SCHEDULES		
SHEET NUMBER:		
M-3.0		

GENERAL NOTES		
1. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE APPROVED RULES AND REGULATIONS OF THE 2014 NATIONAL ELECTRIC CODE (NEC), AND THE FOLLOWING: NEMA, NFPA, IEEE, ANSI, OSHA, ALONG WITH NATIONAL, STATE AND LOCAL MUNICIPAL CODES AND ALL APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION.	19. PROVIDE CONTINUITY TEST FOR ALL DATA CABLES PRIOR TO HAND OVER. REPLACE ALL RUNS THAT FAILS THE TEST. COORDINATE WITH OWNER FOR CABLE TYPE, COLOR AND WALL JACK CONFIGURATION.	38. AREAS OUTSIDE THE DEMOLITION AND RENOVATION AREAS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ALL WORK THAT WILL INTERFERE WITH THE PRESENT OPERATION OF THE FACILITY WITH THE OWNER AND OCCUPANTS.
2. THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALED DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND ELEVATION OF ALL ELECTRICAL EQUIPMENT SHALL BE COORDINATED IN FIELD WITH RESPECTIVE CONTRACTOR OR CONSTRUCTION MANAGER.	21. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING DEVICE HEIGHTS.	39. REMOVE ALL ACCESSIBLE ABANDONED WIRING OF ALL TYPES IN COMPLIANCE WITH THE NATIONAL ELECTRIC CODE.
3. THE CONTRACTOR SHALL COORDINATE WITH THE CONSTRUCTION MANAGER PRIOR TO SUBMISSION OF BID TO DETERMINE WHAT WORK MUST BE PERFORMED AFTER NORMAL BUSINESS HOURS, UNLESS OTHERWISE DIRECTED ANY NOISY WORK (CHOPPING, CORE DRILLING, HAMMERING, ETC.) AND BUILDING POWER INTERRUPTIONS SHALL BE PERFORMED OUTSIDE OF NORMAL BUSINESS HOURS. CONFIRM NORMAL BUSINESS HOURS WITH BUILDING CONSTRUCTION MANAGER. NO ADDITIONAL COST WILL BE CHARGED TO OWNER FOR WORK PERFORMED OUTSIDE NORMAL BUSINESS HOURS.	22. EXIT SIGNS AND LIGHTING WITH EMERGENCY BATTERY PACKS SHALL BE CONNECTED TO THE LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING.	40. MAINTAIN AND RESTORE, IF INTERRUPTED, ALL CONDUITS AND CONDUCTORS PASSING THROUGH RENOVATED AREAS AND SERVICING UNDISTURBED AREAS.
4. ALL WORK WHERE SHOWN WITH DARK/SOLID LINES ON THE DRAWINGS IS NEW UNLESS OTHERWISE NOTED.	23. COORDINATE ALL ELECTRICAL WORK WITH ALL BUILDING ARCHITECTURAL AND STRUCTURAL ELEMENTS AND THE WORK OF OTHER TRADES.	41. ALL FIRE SMOKE DAMPERS SHALL BE FED FROM EXISTING EMERGENCY CIRCUIT THAT FEEDS EXISTING FIRE SMOKE DAMPERS.
5. FEEDERS AND BRANCH CIRCUITRY SHALL BE RUN IN CONDUIT MINIMUM 3/4" CONDUIT UNLESS OTHERWISE NOTED. FINAL CONNECTIONS TO MOTORS MAY BE DONE WITH FLEXIBLE METALLIC CONDUIT (NO LONGER THAN 18"). IN UNFINISHED AREA CONDUIT SHALL BE RUN EXPOSED AND IN FINISHED AREAS CONDUIT SHALL BE RUN CONCEALED.	24. ALL CONDUIT SHALL BE CONCEALED WITHIN WALLS AND ABOVE CEILINGS. CONDUIT SHALL BE ROUTED AS HIGH AS POSSIBLE AND PARALLEL TO WALLS. CONDUIT PENETRATIONS THRU WALLS SHALL BE MADE PERPENDICULAR TO THE SURFACE OF THE WALL. SEAL AROUND OPENINGS WITH AN APPROVED FIRESTOPPING MATERIAL.	42. ALL POWER AND DATA SHALL BE INSTALLED IN SEPARATE CONDUIT.
6. EXACT LOCATION AND MOUNTING HEIGHTS OF ALL WIRING DEVICES SHALL BE COORDINATED WITH THE ARCHITECT PRIOR TO THE INSTALLATION.	25. COORDINATING ALL CUTTING AND PATCHING OF CEILINGS, FLOORS, WALLS, ETC. REQUIRED FOR THE INSTALLATION OF THE ELECTRICAL WORK.	43. EXIT SIGNS AND LIGHTING WITH EMERGENCY BATTERY PACKS SHALL BE CONNECTED TO THE LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING.
7. WALL MOUNTED EQUIPMENT (SWITCHES, RECEPTACLES, ETC.) SHALL BE SURFACE MOUNTED IN UNFINISHED AREAS AND ON EXISTING CONCRETE BLOCK WALLS AND FLUSH MOUNTED IN NEW WALLS/PARTITIONS UNLESS OTHERWISE NOTED.	26. FIRE ALARM PLANS DEPICT THE GENERAL LAYOUT AND INTENT OF THE FIRE ALARM SYSTEM. DETERMINE THE ACTUAL QUANTITY AND FINAL LOCATION OF DEVICES REQUIRED BY CODE BASED UPON ACTUAL FIELD/CONSTRUCTED CONDITIONS.	44. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE APPROVED RULES AND REGULATIONS OF THE 2017 NATIONAL ELECTRIC CODE (NEC), AND THE FOLLOWING: NEMA, NFPA, IEEE, ANSI, OSHA, ALONG WITH NATIONAL, STATE AND LOCAL MUNICIPAL CODES AND ALL APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION.
8. PROVIDE PULL BOXES, JUNCTION BOXES, CONDUIT ELBOWS AND OFFSETS TO SUIT FIELD CONDITIONS AND THE NATIONAL ELECTRICAL CODE.	27. COORDINATE ALL FIRE ALARM REQUIREMENTS AND WORK INCLUDING DEVICE MOUNTING HEIGHT, WITH AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION. COORDINATE WITH FIRE ALARM BUILDING VENDOR.	45. COORDINATE ALL ELECTRICAL WORK WITH ALL BUILDING ARCHITECTURAL AND STRUCTURAL ELEMENTS AND THE WORK OF OTHER TRADES.
9. ALL EMPTY CONDUIT SHALL BE PROVIDED WITH A DRAGWIRE.	28. COORDINATE THE ACTUAL LOCATION AND TYPE OF ALL LIGHTING FIXTURES WITH THE ARCHITECT'S REFLECTED CEILING PLAN AND ALL ARCHITECTURAL, MECHANICAL, AND STRUCTURAL ELEMENTS INCLUDING, BUT NOT LIMITED TO, DUCTWORK, PIPING, EQUIPMENT, BEAMS, JOISTS, ETC.	46. COORDINATE ALL ELECTRICAL WORK WITH ALL BUILDING ARCHITECTURAL AND STRUCTURAL ELEMENTS AND THE WORK OF OTHER TRADES.
10. THE MINIMUM WIRE SIZE FOR 120 VOLT BRANCH CIRCUITS SHALL BE NO. 12 AWG, EXCEPT OVER 100' IN LENGTH SHALL BE NO. 10 AWG.	29. REFER TO DRAWING E-001 AND E-002 ELECTRICAL LEGENDS, ABBREVIATIONS AND GENERAL NOTES.	47. ALL BRANCH CIRCUITS SUPPLIED BY #12 AWG CONDUCTORS WITH LENGTHS OVER 100' SHALL BE INCREASED TO #10 AWG TO ACCOMMODATE FOR VOLTAGE DROP.
11. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES (EX. CONNECTORS, ADAPTERS, BUSHINGS, CLAMPS, ETC.) TO FACILITATE COMPLETE INSTALLATION.	30. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ALL THE PROJECT DRAWINGS FOR THE DEMOLITION SCOPE OF WORK.	48. ALL CONDUIT SHALL BE CONCEALED WITHIN WALLS AND ABOVE CEILINGS. CONDUIT SHALL BE ROUTED AS HIGH AS POSSIBLE AND PARALLEL TO WALLS. CONDUIT PENETRATIONS THRU WALLS SHALL BE MADE PERPENDICULAR TO THE SURFACE OF THE WALL. SEAL AROUND OPENINGS WITH AN APPROVED FIRESTOPPING MATERIAL.
12. COORDINATE LOCATION OF ALL MECHANICAL EQUIPMENT WITH HVAC CONTRACTOR IN FIELD. FUSES FOR ALL MOTOR LOADS SHALL BE DUAL ELEMENT TIME DELAY TYPE.	31. ELECTRICAL CONTRACTOR SHALL COORDINATE SEQUENCING WITH GENERAL CONTRACTOR AND OTHER CONTRACTORS EMPLOYED ON THE PROJECT PRIOR TO DISCONNECTING ANY CIRCUITS OR START OF WORK.	49. ALL WIRING DEVICES, MATERIALS, AND METHODS SHALL BE IN CONFORMANCE WITH ARTICLE 517 (HEALTH CARE FACILITIES) OF THE 2017 NATIONAL ELECTRICAL CODE. IN PATIENT CARE AREAS, THE GROUNDING OF ALL BRANCH AND EQUIPMENT CIRCUITS SHALL COMPLY WITH SECTION 517.13. HOSPITAL GRADE RECEPTACLES SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS 517.18, 517.19, AND 517.20. ALL ARTIFICIAL LIGHTING LEVELS SHALL COMPLY WITH IESNA.
13. ALL JUNCTION OR OUTLET BOXES SHALL BE INSTALLED SO AS TO ALLOW ACCESS TO COVER. PROVIDE ARCHITECT APPROVED ACCESS DOORS OR PLATES AS REQUIRED IN AREAS WHERE UNOBSTRUCTED ACCESS TO BOX OR OUTLET IS NOT POSSIBLE.	32. THIS DRAWING IS DIAGRAMMATIC IN NATURE AND IS BASED ON FIELD OBSERVATIONS AND EXISTING AVAILABLE DOCUMENTATION WHICH INDICATES THE GENERAL ARRANGEMENT OF THE VARIOUS EXISTING SYSTEMS AND APPROXIMATE LOCATIONS OF THE EXISTING DEVICES AND EQUIPMENT.	50. ALL WALL RECEPTACLES SHALL BE INSTALLED 18" AFF. COORDINATE EXACT MOUNTING HEIGHTS AND LOCATIONS WITH ARCHITECT.
14. PRIOR TO ANY CHASING, CHOPPING OR CORE DRILLING BEING PERFORMED, THE CONTRACTOR SHALL FIELD INVESTIGATE CONDITIONS AND COORDINATE ALL WORK TO ENSURE THAT IT WILL BE IN HARMONY. THIS WORK MUST BE APPROVED BY BUILDING CONSTRUCTION MANAGER PRIOR TO PROCEEDING.	33. ELECTRICAL CONTRACTOR SHALL VERIFY FIELD MEASUREMENTS AND EQUIPMENT ARRANGEMENTS ARE AS SHOWN ON DRAWING. ELECTRICAL CONTRACTOR SHALL SURVEY AND RECORD THE CONDITION OF EXISTING FACILITIES TO REMAIN IN PLACE THAT MAY BE AFFECTED BY DEMOLITION OPERATIONS. REPORT DISCREPANCIES TO THE ENGINEER BEFORE DISTURBING EXISTING INSTALLATION.	51. COORDINATING ALL CUTTING AND PATCHING OF CEILINGS, FLOORS, WALLS, ETC. REQUIRED FOR THE INSTALLATION OF THE ELECTRICAL WORK.
15. OPENINGS AROUND ELECTRICAL PENETRATIONS THROUGH FIRE RESISTANCE RATED WALLS, PARTITIONS, FLOORS OR CEILINGS SHALL BE FIRE STOPPED USING APPROVED METHODS. ALL SLEEVES MUST HAVE BUSHINGS. SEALANT SHALL BE 3 HOUR FIRE BARRIER #CP-25 (NO LESS THAN 3" THICK BACKED UP WITH MINERAL WOOL).	34. ELECTRICAL CONTRACTOR TO CONFIRM LOCATION OF ALL EXISTING DEVICES AND COORDINATE WITH THE ARCHITECT THE EXISTING DEVICES TO REMAIN AND EXISTING DEVICES TO BE DEMOLISHED. ELECTRICAL CONTRACTOR TO VERIFY ANY DEVICES DETERMINED TO REMAIN ARE IN GOOD WORKING CONDITION. PROTECT ALL EXISTING DEVICES AND EXISTING CIRCUIT WIRING TO REMAIN FROM DAMAGE DURING CONSTRUCTION.	52. FIRE ALARM PLANS DEPICT THE GENERAL LAYOUT AND INTENT OF THE FIRE ALARM SYSTEM. DETERMINE THE ACTUAL QUANTITY AND FINAL LOCATION OF DEVICES REQUIRED BY CODE BASED UPON ACTUAL FIELD/CONSTRUCTED CONDITIONS.
16. ALL ELECTRICAL EQUIPMENT SHALL COMPLY WITH THE WORKING CLEARANCES GUIDELINES AS PER THE NATIONAL ELECTRICAL CODE.	35. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY AND CONFIRM CIRCUITS OF ALL EXISTING SOURCES OF POWER TO EQUIPMENT AND DEVICES SCHEDULED TO BE DEMOLISHED PRIOR TO DISCONNECTION AND FINAL REMOVAL.	53. COORDINATE ALL FIRE ALARM REQUIREMENTS AND WORK, INCLUDING DEVICE MOUNTING HEIGHT, WITH AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION. COORDINATE WITH FIRE ALARM BUILDING VENDOR.
17. ELECTRICAL CONTRACTOR TO PROVIDE ALL OTHER COMPONENTS OR WIRE REQUIRED TO FORM A COMPLETE AND OPERATIONAL SYSTEM.	36. ELECTRICAL CONTRACTOR SHALL DISCONNECT, REMOVE, AND MAKE SAFE ALL ELECTRICAL WIRING, FOR ELECTRICAL EQUIPMENT AND DEVICES SHOWN TO BE REMOVED WITHIN SCOPE OF WORK, BACK TO THE POINT OF CONNECTION. DEMOLITION SHALL INCLUDE, BUT NOT BE LIMITED TO, WIRING DEVICES, OUTLET BOXES, PULL BOXES, LIGHT FIXTURES AND SWITCHES, WIRE AND CONDUIT.	54. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE APPROVED RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE (NEC), AND THE FOLLOWING: NEMA, NFPA, IEEE, ANSI, OSHA, ALONG WITH NATIONAL, STATE AND LOCAL MUNICIPAL CODES AND ALL APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION.
18. E.C. TO PROVIDE SHOP DRAWINGS TO ARCHITECT AND ENGINEER FOR REVIEW AND APPROVAL OF ALL FINAL EQUIPMENT PRIOR TO PURCHASE. E.C. TO PROVIDE EXACT ELECTRICAL CONNECTIONS, INTERCONNECTIONS, EXACT FINAL INSTALLATION LOCATION AND MOUNTING BASED ON APPROVED SHOP DRAWINGS PRIOR TO START OF WORK. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ALL EQUIPMENT AND WIRING. WIRING SHOULD BE TESTED AT END DEVICES.	37. ANY EXISTING CIRCUITS OR EQUIPMENT NOT SHOWN ON THE DRAWINGS WHICH ARE ROUTED THROUGH THE DEMOLITION AREA AND LOGICALLY EXPECTED TO REMAIN, SERVING EQUIPMENT OR DEVICES OUTSIDE THE AREA OF DEMOLITION, SHALL REMAIN IN SERVICE, OR SERVICE DEVICES SHOWN TO REMAIN INSIDE THE AREA OF DEMOLITION.	55. COORDINATE THE ACTUAL LOCATION AND TYPE OF ALL LIGHTING FIXTURES WITH THE ARCHITECT'S REFLECTED CEILING PLAN AND ALL ARCHITECTURAL, MECHANICAL, AND STRUCTURAL ELEMENTS INCLUDING, BUT NOT LIMITED TO, DUCTWORK, PIPING, EQUIPMENT, BEAMS, JOISTS, ETC.

LEGEND	
	CEILING/WALL MOUNTED JUNCTION BOX.
	NEW
	EXISTING
	125V-2P-3W-20A GROUNDED TYPE, SPECIFICATION GRADE WALL MOUNTED DUPLEX RECEPTACLE HUBBELL #5362 OR SIMILAR.
	SAME AS ABOVE EXCEPT DOUBLE DUPLEX.
	20A FLUSH WALL MOUNTED GROUND FAULT INTERRUPTING TYPE DUPLEX RECEPTACLE HUBBELL #GF5362.
	RECESSED FLOOR BOX TYPE QUAD RECEPTACLE.
	CEILING MOUNTED RECEPTACLE
	TAG SYMBOL. NUMERAL DENOTES REFERENCE TO A WORK NOTE.
	FLUSH WALL MOUNTED DATA OUTLET CONSISTING OF A COVER PLATE WITH 1.5" GROMMETED OPENING AND 1.5" EMPTY CONDUIT WITH DRAG LINE STUBBED UP 6" ABOVE FINISHED CEILING.
	WIRELESS ACCESS POINT
	CEILING MOUNTED SPEAKER
	NEW ELECTRICAL PANELBOARD.
	MOTOR (F.B.O. WIRED BY ELEC.) – NUMBER INDICATES HORSEPOWER. REFER TO PANEL SCHEDULES FOR WIRING AND OVER CURRENT PROTECTION.
	PLENUM THERMAL SWITCH
	HEAVY DUTY TYPE DISCONNECT SWITCH WITH FINAL FLEXIBLE EQUIPMENT CONNECTION. 240 INDICATES VOLTAGE, 3 INDICATES NO. OF POLES, 60 INDICATES AMPERE RATING, U INDICATES UN-FUSED(OR FUSE SIZE) U.O.N. REFER TO SPECIFICATION AND DRAWINGS FOR ENCLOSURE. "WP" WHERE USED INDICATES WEATHERPROOF ENCLOSURE (NEMA 3R).
	FLUSH WALL MOUNTED TELEVISION OUTLET CONSISTING OF A COVER PLATE WITH 1" GROMMETED OPENING AND 1" EMPTY CONDUIT WITH DRAG LINE STUBBED UP 6" ABOVE FINISHED CEILING.
	FLUSH WALL MOUNTED ACCESS CONTROL AND READER CONSISTING OF A COVER PLATE WITH 1" GROMMETED OPENING AND 1" EMPTY CONDUIT WITH DRAG LINE STUBBED UP 6" ABOVE FINISHED CEILING. COORDINATE WITH SECURITY CONTRACTOR FOR EXACT HEIGHTS AND DROP LOCATIONS.

LIGHTING LEGEND	
	LUTRON QSWS2-5BRJL-GWH-101 (CW-1WH) OR APPROVED EQUAL.
	LUTRON QSWS2-5BRJL-GWH-101 (CW-1WH) OR APPROVED EQUAL.
	LUTRON EC-DIR-WH OR APPROVED EQUAL.
	LUTRON MRF2S-BSDV010-WH OR APPROVED EQUAL.
	LUTRON QSN-4A5-S OR APPROVED EQUAL.
	LUTRON QSN-4T16-S OR APPROVED EQUAL.
	LUTRON LUT-8X8-ENC OR APPROVED EQUAL.
	LUTRON QSGR-TC-3S-WH OR APPROVED EQUAL.
	LUTRON QSWS2-5BRJL-N-WH OR APPROVED EQUAL.
	LUTRON LOS-CDT-2000-WH OR APPROVED EQUAL.
	LUTRON QSM2-4W-C OR APPROVED EQUAL.
	LUTRON QSE-10 OR APPROVED EQUAL.
	LUTRON C-ESN-SETUP OR APPROVED EQUAL.
	LUTRON QSPS-DH-1-75 OR APPROVED EQUAL.
	LUTRON GRX-IRPS-WH OR APPROVED EQUAL.
	LUTRON MS-B102-V-WH OR APPROVED EQUAL.
	LUTRON GRX-CESO-120PKG OR APPROVED EQUAL.
	LUTRON QSE-CI-NWK-E OR APPROVED EQUAL.
	LUTRON LUT-LTE OR APPROVED EQUAL.
	LUTRON QP5-2L-POE OR APPROVED EQUAL.
ABBREVIATIONS LIST IS PROVIDED FOR CONVENIENCE ONLY. NOT ALL SYMBOLS OR ABBREVIATIONS ARE NECESSARILY USED IN THIS PROJECT.	

STANDARD MOUNTING HEIGHTS	
9" BELOW FINISH CEILING	WALL-MOUNTED CLOCKS, PROGRAM BELLS (OR AS SHOWN ON ARCHITECTURAL DETAILS)
6" ABOVE FIRE HOUSE CABINET	RED SIGNAL LIGHT
10'-0"	BATTERY LIGHTING UNITS AND REMOTE WALL MOUNTED LIGHT HEADS (OR 1'-0" BELOW FINISHED CEILING OF TOP OF UNIT).
8'-6"	PENDANT-HUNG INDUSTRIAL AND STRIP LIGHTING FIXTURES.
7'-8"	TELEVISION OUTLET AND SERVICE RECEPTACLE – FOR SHELF MOUNTED T.V. IN BEDROOMS.
CENTERED ABOVE DOOR OR WINDOW OPENING	WARNING AND SIGNALING FIXTURES/SIGNS.
6'-8"	OR 6" BELOW FINISHED CEILING WHICHEVER IS LOWER. FIRE ALARM DEVICES AND ILLUMINATED FIRE SIGNALS
6'-6"	TOP OF FLUSH AND SURFACE MOUNTED ELECTRICAL LIGHTING OR POWER PANELBOARDS AND TELEPHONE CABINETS.
6'-3"	TOP OF BACK-MOUNTED WALL EXIT FIXTURES (NOT MOUNTED ABOVE DOORS).
6'-0"	TOP OF HIGHEST ELECTRICAL DISCONNECT SWITCHES, MAGNETIC STARTERS, CONTACTORS.
4'-6"	WALL MOUNTED TELEPHONE AND PAY STATIONS (3'-6" AT HANDICAP LOCATIONS VERIFY EXACT HEIGHT PRIOR TO ROUGH IN)
4'-0"	WALL MOUNTED INTERCOM, CLOCK CONTROL PANEL WALL MOUNTED ELECTRICAL DEVICE LIGHTING SWITCHES (TO TOP OF FACEPLATE), MANUAL MOTOR STARTERS, THERMOSTATS, WALL MOUNTED WIREMOLD AND G.F.I. RECEPTACLES IN TOILET ROOMS OR FOR SEPARATE SINKS NOT IN CASEWORK
20" MAXIMUM FORWARD REACH DEPTH (ADA) (OBSTRUCTED) AND 10" MAXIMUM SIDE REACH DEPTH (ADA) (OBSTRUCTED AND UNOBSTRUCTED)	4'-0" ALL DEVICES – MAXIMUM FORWARD REACH HEIGHT (ADA) (UNOBSTRUCTED AND OBSTRUCTED)
10" MAXIMUM REACH DEPTH (ADA) (OBSTRUCTED)	4'-0" ALL DEVICES – MAXIMUM SIDE REACH HEIGHT (ADA) (UNOBSTRUCTED)
25" MAXIMUM REACH DEPTH (ADA) (OBSTRUCTED)	3'-10" ALL DEVICES – MAXIMUM SIDE REACH HEIGHT (ADA) WITH A 24" OBSTRUCTION DEPTH MAXIMUM (OBSTRUCTED)
24" MAXIMUM SIDE REACH DEPTH (ADA) (OBSTRUCTED)	3'-8" ALL DEVICES – MAXIMUM HIGH FORWARD REACH HEIGHT (ADA) (OBSTRUCTED)
	3'-6" FIRE ALARM PULL STATIONS, ADA COMPLIANT DEVICE ROUGH IN
	2'-10" ALL DEVICES – MAXIMUM SIDE REACH HEIGHT (ADA) (OBSTRUCTED)
	2'-0" ELECTRICAL RECEPTACLES WITHIN MECHANICAL SPACES, ELECTRICAL AND ELEVATOR ROOMS.
18"	ELECTRICAL RECEPTACLES; TELEPHONE OUTLETS
15"	COMPUTER OUTLETS; INTERCOM OUTLET FOR DESKS
15"	ALL DEVICES – MINIMUM LOW FORWARD REACH (UNOBSTRUCTED) HEIGHT (ADA)
00"	ALL DEVICES – MINIMUM SIDE REACH (UNOBSTRUCTED) HEIGHT (ADA)
	FINISHED FLOOR

MOUNTING HEIGHT NOTES:

- MOUNTING HEIGHTS TO CENTER OF OUTLETS UNLESS OTHERWISE NOTED. IN MASONRY CONSTRUCTION THE ABOVE MOUNTING HEIGHTS SHALL BE USED FOR REFERENCE TO NEAREST BLOCK OR BRICK COURSING.
- THE ABOVE MOUNTING HEIGHTS SHALL BE ADHERED TO UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE ON THE DRAWING OR SPECIFICATIONS.
- A '4' BESIDE A DEVICE INDICATES THAT DEVICE IS MOUNTED ABOVE A COUNTER OR CASEWORK. COORDINATE WITH ARCHITECTURAL DETAILS AND CASEWORK CONTRACTOR.
- THIS IS A GENERIC MOUNTING HEIGHT CHART – ALL DEVICES MAY NOT BE APPLICABLE. CASEWORK. COORDINATE WITH ARCHITECTURAL DETAILS AND CASEWORK CONTRACTOR.

ELECTRICAL ABBREVIATIONS	
A	AMP/AMPERE
C	CONDUIT
CB	CIRCUIT BREAKER
CRDR	CORRIDOR
DS	DISCONNECT SWITCH
EXIST.	EXISTING
FAC	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
G	GROUND
GFI	GROUND FAULT INTERRUPTER
KVA	KILOVOLT AMPERE
KW	KILOWATT
N.T.S.	NOT TO SCALE
PNL	PANEL
RECPT.	RECEPTACLE
TYP.	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
ABBREVIATIONS LIST IS PROVIDED FOR CONVENIENCE ONLY. NOT ALL SYMBOLS OR ABBREVIATIONS ARE NECESSARILY USED IN THIS PROJECT.	

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Stockton University

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Galloway, NJ 08205

CONSULTANT:

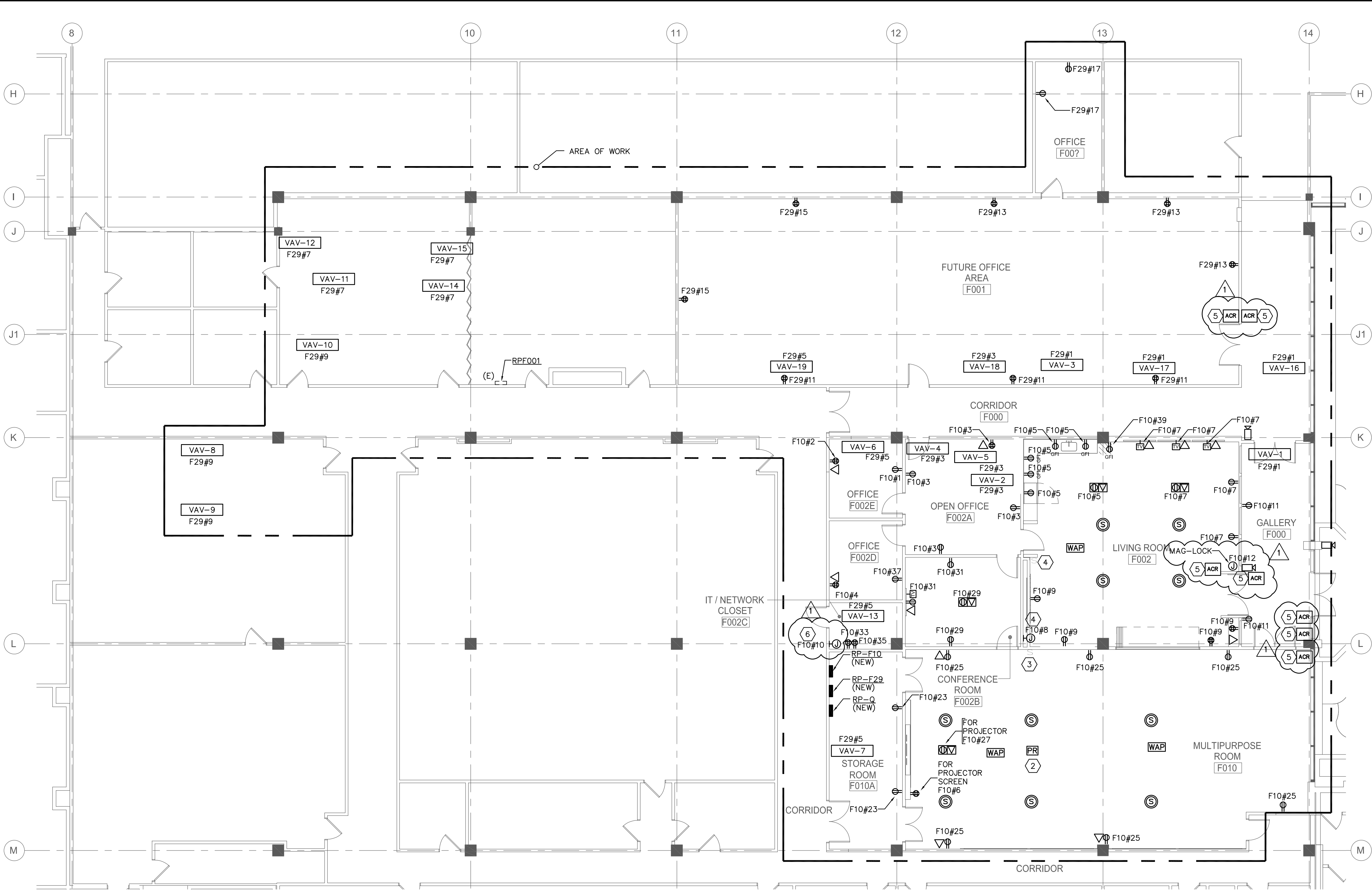
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STOCKTON UNIVERSITY
MULTICULTURAL CENTER

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1	08-20-2021	ADDENDUM 1
	08-01-2021	ISSUED FOR BID
	08-16-2021	ISSUED FOR CONSTRUCTION PERMIT
REV.	DATE	DESCRIPTION
DESIGN DELIVERABLE: CONSTRUCTION DOCUMENTS		
ISSUE DATE: 08-16-2021		
DRAWN BY: KS		
CHECKED BY: WP		
PROJECT NUMBER:		
P2106		
SHEET TITLE:		
ELECTRICAL SYMBOLS, ABBREVIATIONS AND SYMBOLS		
SHEET NUMBER:		
E-0.1		



PANELBOARD DESIGNATIONS:

PANELBOARD DESIGNATIONS WITH CIRCUIT NUMBERS ARE ABBREVIATED AS FOLLOWS:

Q#1 — HOME RUN NOTATION FOR RP-Q PANEL ONLY
CIRCUIT NUMBER
PANELBOARD "RP-Q"

F29#1 — HOME RUN NOTATION FOR RP-F29 PANEL ONLY
CIRCUIT NUMBER
PANELBOARD "RP-F29"

F10#1 — HOME RUN NOTATION FOR RP-F10 PANEL ONLY
CIRCUIT NUMBER
PANELBOARD "RP-F10"

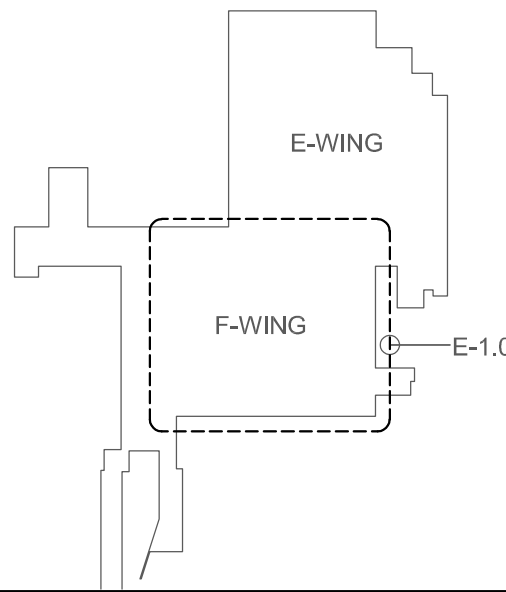
GENERAL NOTES:

- REFER TO DRAWING E-0.1 FOR ELECTRICAL LEGENDS, SYMBOLS, ABBREVIATIONS, NOTES AND LIGHTING FIXTURE LEGEND.
- ALL POWER AND DATA SHALL BE INSTALLED IN SEPARATE CONDUIT.
- TOILET EXHAUST FANS SHALL BE CONTROLLED BY LIGHTING SWITCH.
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW PANEL AS SHOWN. PANELS SHOWN ARE FOR DIAGRAMMATICAL PURPOSES ONLY. COORDINATE FINAL LOCATION WITH OWNER AND ARCHITECT. REMOVE EXISTING PANELS AND EXTEND WIRING AND CONDUITS TO THE NEAREST PANEL.
- CONTRACTOR SHALL CONFIRM CONNECTION TYPE WITH THE MANUFACTURER PRIOR TO EQUIPMENT INSTALL.
- APPROXIMATE LOCATION OF PROPOSED MECHANICAL EQUIPMENT. E.C. SHALL COORDINATE AND CONFIRM FINAL EXACT IN INSTALLATION LOCATION, ELECTRICAL REQUIREMENTS AND MOUNTING HEIGHTS PRIOR TO CONSTRUCTION AND INSTALLATION WITH MECHANICAL CONTRACTOR. REFER TO FINAL MECHANICAL DRAWINGS FOR MORE INFORMATION.
- ELECTRICAL CONTRACTOR SHALL CONFIRM AND COORDINATE ALL EXACT ELECTRICAL AND INTERCONNECTION REQUIREMENTS, INSTALLATION LOCATIONS AND MOUNTING HEIGHTS OF APPROVED DEVICES AND EQUIPMENT WITH ARCHITECT AND OWNER PRIOR TO PURCHASE AND INSTALLATION.
- ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ALL DEVICES AND WIRING. WIRING SHOULD BE TESTED AT END DEVICES.
- THIS DRAWING IS DIAGRAMMATIC IN NATURE AND IS BASED ON FIELD OBSERVATIONS AND EXISTING AVAILABLE DOCUMENTATION WHICH INDICATES THE GENERAL ARRANGEMENT OF THE VARIOUS EXISTING SYSTEMS AND APPROXIMATE LOCATIONS OF THE EXISTING DEVICES AND EQUIPMENT.
- REFER TO DRAWING E-3.0 FOR PANEL SCHEDULE
- DATA OUTLETS SHALL HAVE A SINGLE-GANG BOX WITH 1½" CONDUIT TO AN ACCESSIBLE CEILING.
- TV LOCATIONS SHOULD HAVE A SINGLE-GANG BOX BEHIND THE TV WITH A 1½" CONDUIT EXTENDING UP TO AN ACCESSIBLE CEILING AND A 1½" CONDUIT DOWN TO A SINGLE-GANG BOX AT 18" ABOVE FINISHED FLOOR.
- CONTRACTOR SHALL COORDINATE ALL DATA WIRING ROUTING WITH SCHOOL IT DEPARTMENT AND PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES.

KEY NOTES:

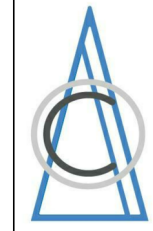
- CONTRACTOR SHALL REMOVE AND RELOCATE EXISTING PANEL. EXTEND ALL EXISTING CIRCUITS TO NEW PANEL LOCATION. MATCH EXISTING CONDUIT AND WIRE TYPE AND SIZE. PROVIDE ALL REQUIRED AND NECESSARY ACCESSORIES.
- CONTRACTOR SHALL PROVIDE CONDUIT DROP WITHIN 12"-14" AWAY FROM THE SCREEN. COORDINATE EXACT LOCATION WITH ARCHITECT/OWNER.
- CONTRACTOR SHALL INSTALL PROJECTOR SCREEN CONTROLLER SWITCH NEAR THE CREDENZA. COORDINATE WITH ARCHITECT/OWNER FOR EXACT LOCATION.
- CONTRACTOR SHALL FURNISH AND INSTALL POWER, REMOTE SWITCH AND LED SWITCH COLOR MODE FOR FIREPLACE. COORDINATE WITH ARCHITECT/OWNER FOR EXACT LOCATION.
- CONTRACTOR SHALL PROVIDE AND INSTALL RACEWAY, JUNCTION BOXES AND ALL APPLICABLE DEVICES FOR LOW VOLTAGE EQUIPMENT. COORDINATE FINAL LOCATION WITH LOW VOLTAGE CONTRACTOR.
- CONTRACTOR SHALL FURNISH AND INSTALL ACCESS CONTROL PANEL. PROVIDE ALL LOW VOLTAGE WIRING TO ALL DOORS. PROVIDE AND INSTALL ALL WIRING FOR CARD READERS, DOOR SENSORS, PUSH BUTTONS AND ALL REQUIRED DEVICES FOR A FULL FUNCTIONING SYSTEM. COORDINATE WITH ARCHITECT/OWNER.

KEY PLAN



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REV.	DATE	DESCRIPTION
1	08-20-2021	ADDENDUM 1
2	08-01-2021	ISSUED FOR BID
3	08-16-2021	ISSUED FOR CONSTRUCTION PERMIT

DESIGN DELIVERABLE: CONSTRUCTION DOCUMENTS

ISSUE DATE: 08-16-2021

DRAWN BY: KS

CHECKED BY: WP

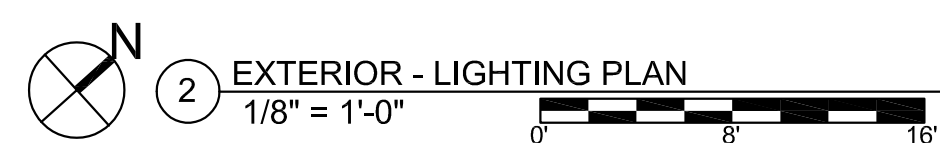
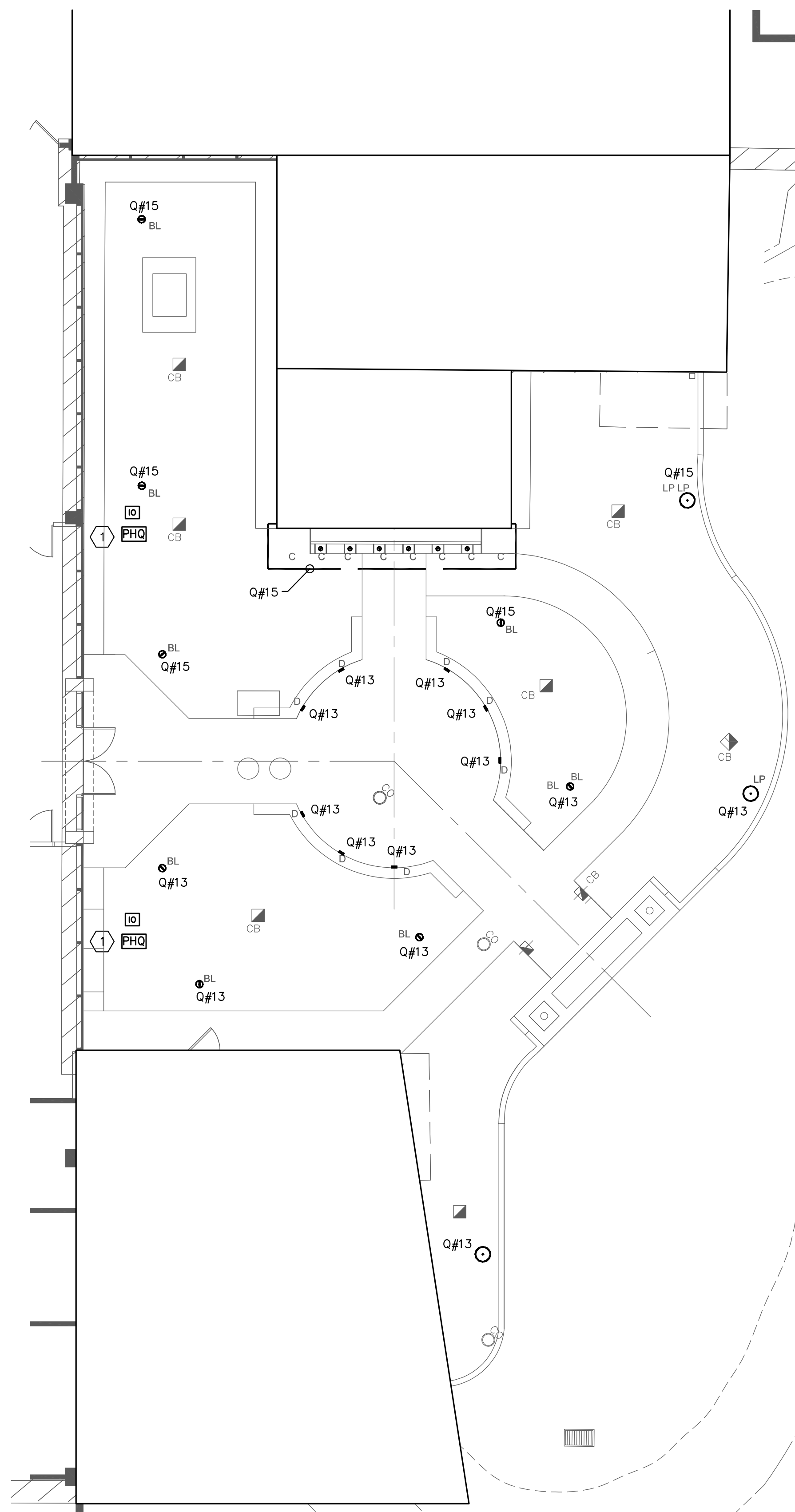
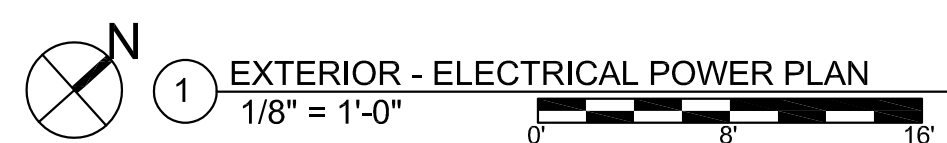
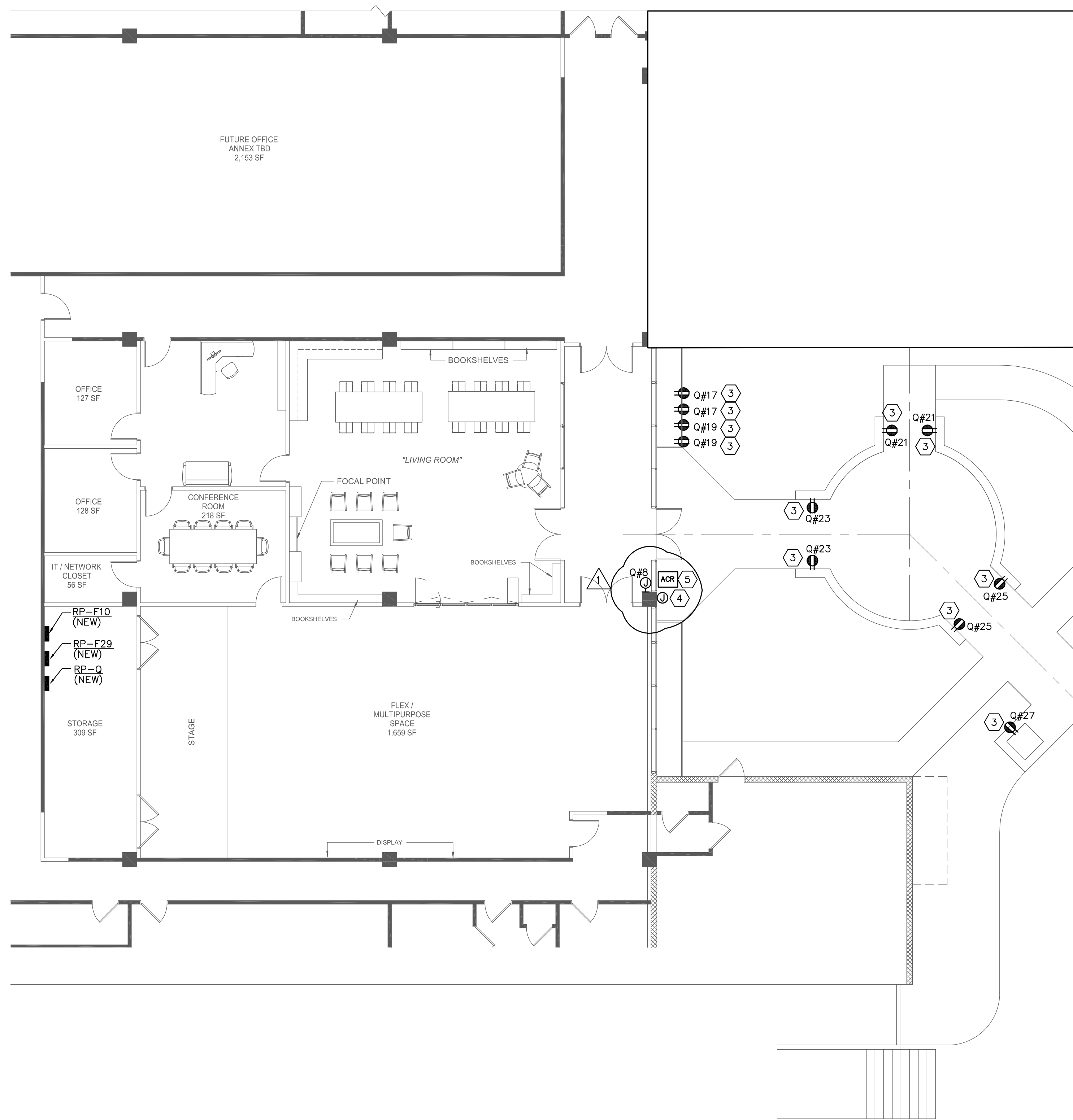
PROJECT NUMBER:

P2106

SHEET TITLE:
**ELECTRICAL NEW WORK
FIRST FLOOR PLAN**

SHEET NUMBER:

E-1.0



PANELBOARD DESIGNATIONS:

PANELBOARD DESIGNATIONS WITH CIRCUIT NUMBERS ARE ABBREVIATED AS FOLLOWS:

Q#1 — HOME RUN NOTATION FOR RP-Q PANEL ONLY
 |
 | — CIRCUIT NUMBER
 |
 | — PANELBOARD "RP-Q"

F29#1 — HOME RUN NOTATION FOR RP-F29 PANEL ONLY
 |
 | — CIRCUIT NUMBER
 |
 | — PANELBOARD "RP-F29"

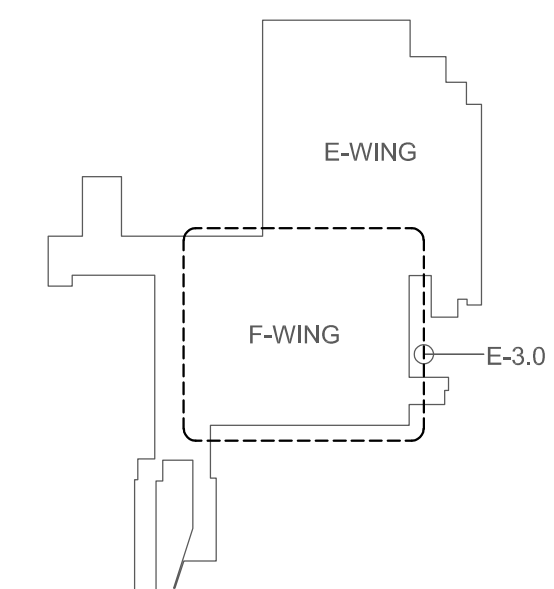
F10#1 — HOME RUN NOTATION FOR RP-F10 PANEL ONLY
 — CIRCUIT NUMBER
 — PANELBOARD "RP-F10"

GENERAL NOTES:

1. REFER TO DRAWING E-0.1 FOR ELECTRICAL LEGENDS, SYMBOLS, ABBREVIATIONS AND NOTES
2. REFER TO THE LANDSCAPE ARCHITECT PLAN FOR LIGHTING FIXTURE SCHEDULE.
3. ALL POWER AND DATA SHALL BE INSTALLED IN SEPARATE CONDUIT.
4. TOILET EXHAUST FANS SHALL BE CONTROLLED BY LIGHTING SWITCH.
5. CONTRACTOR SHALL PROVIDE AND INSTALL NEW PANEL AS SHOWN. PANELS SHOWN ARE FOR DIAGRAMMATICAL PURPOSES ONLY. COORDINATE FINAL LOCATION WITH OWNER AND ARCHITECT. REMOVE EXISTING PANELS AND EXTEND WIRING AND CONDUITS TO THE NEAREST PANEL.
6. CONTRACTOR SHALL CONFIRM CONNECTION TYPE WITH THE MANUFACTURER PRIOR TO EQUIPMENT INSTALL.
7. APPROXIMATE LOCATION OF PROPOSED MECHANICAL EQUIPMENT, E.C. SHALL COORDINATE AND CONFIRM FINAL EXACT IN INSTALLATION LOCATION, ELECTRICAL REQUIREMENTS AND MOUNTING HEIGHTS PRIOR TO CONSTRUCTION AND INSTALLATION WITH MECHANICAL CONTRACTOR. REFER TO FINAL MECHANICAL DRAWINGS FOR MORE INFORMATION.
8. ELECTRICAL CONTRACTOR SHALL CONFIRM AND COORDINATE AN EXACT ELECTRICAL AND INTERCONNECTION REQUIREMENTS, INSTALLATION LOCATIONS AND MOUNTING HEIGHTS OF APPROVED DEVICES AND EQUIPMENT WITH ARCHITECT AND OWNER PRIOR TO PURCHASE AND INSTALLATION.
9. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL ALL DEVICES AND WIRING. WIRING SHOULD BE TESTED AT END DEVICES.
10. THIS DRAWING IS DIAGRAMMATIC IN NATURE AND IS BASED ON FIELD OBSERVATIONS AND EXISTING AVAILABLE DOCUMENTATION WHICH INDICATES THE GENERAL ARRANGEMENT OF THE VARIOUS EXISTING SYSTEMS AND APPROXIMATE LOCATIONS OF THE EXISTING DEVICES AND EQUIPMENT.
11. REFER TO DRAWING E-4.0 FOR PANEL SCHEDULE

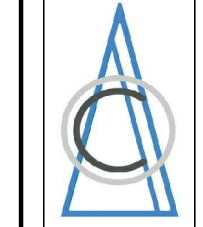
KEY NOTES:

-
- 1 CONTRACTOR SHALL FURNISH AND INSTALL PHOTOCELL FOR EXTERIOR FIXTURES. COORDINATE EXACT LOCATION WITH ARCHITECT. PROVIDE A PHOTOCELL BYPASS SWITCH FOR THE FIXTURES.
- 2 CONTRACTOR SHALL FURNISH AND INSTALL WATERPROOF JUNCTION BOX FOR TYPE C FIXTURE.
- 3 CONTRACTOR SHALL FURNISH AND INSTALL GFCI OUTLETS IN WEATHERPROOF ENCLOSURE AND ON STRUCTURAL SUPPORT. COORDINATE EXACT LOCATION WITH THE LANDSCAPE ARCHITECT.
- 4 CONTRACTOR SHALL FURNISH AND INSTALL 1" CONDUIT FOR ADA PLUSH PLATE. COORDINATE EXACT LOCATION WITH THE ARCHITECT.
- 5 CONTRACTOR SHALL PROVIDE AND INSTALL RACEWAY, JUNCTION BOXES AND ALL APPLICABLE DEVICES FOR LOW VOLTAGE EQUIPMENT. COORDINATE FINAL LOCATION WITH LOW VOLTAGE CONTRACTOR.
- 1



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Abstract

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Abstract

Abstract

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Abstract

**STOCKTON UNIVERSITY
MULTICULTURAL CENTER**

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CLIENT: Stockton University

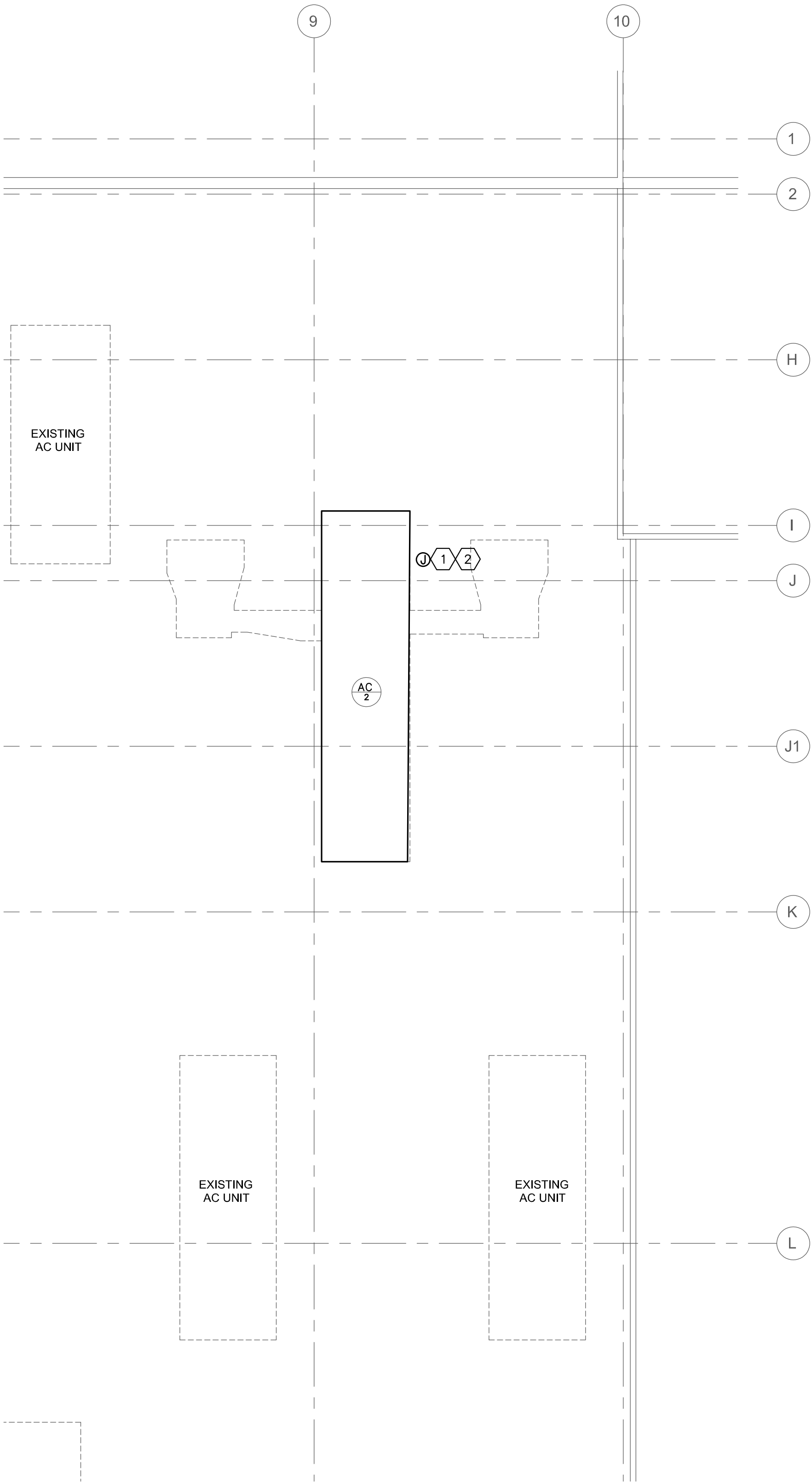
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	09-01-2021	ISSUED FOR BID
	08-16-2021	ISSUED FOR CONSTRUCTION PERMIT
REV	DATE	DESCRIPTION
DESIGN DELIVERABLE:		CONSTRUCTION DOCUMENTS
ISSUE DATE:		08-16-2021
DRAWN BY:		KS
CHECKED BY:		WP

SHEET TITLE:

ELECTRICAL EXTERIOR PLANS

SHEET NUMBER:

E-3.0

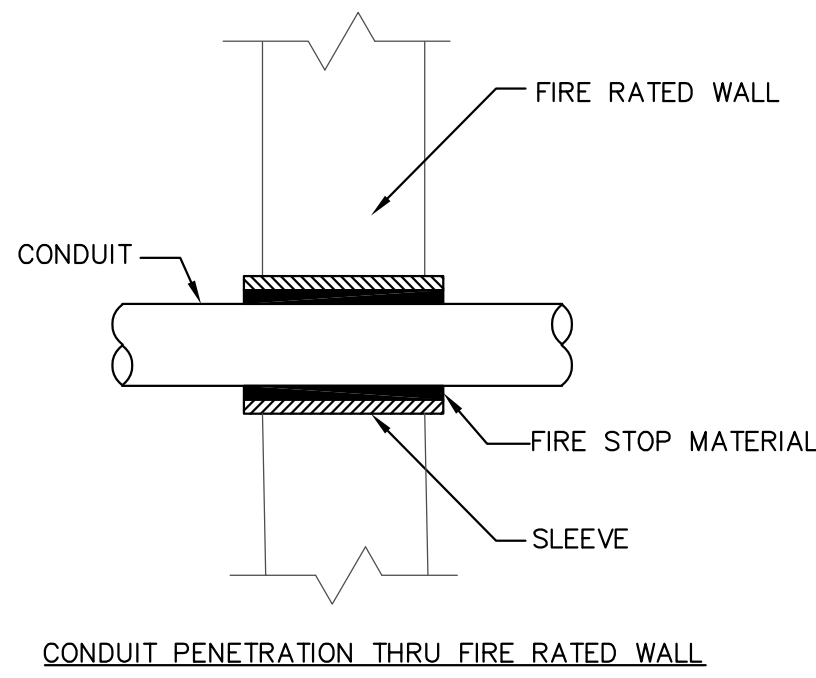
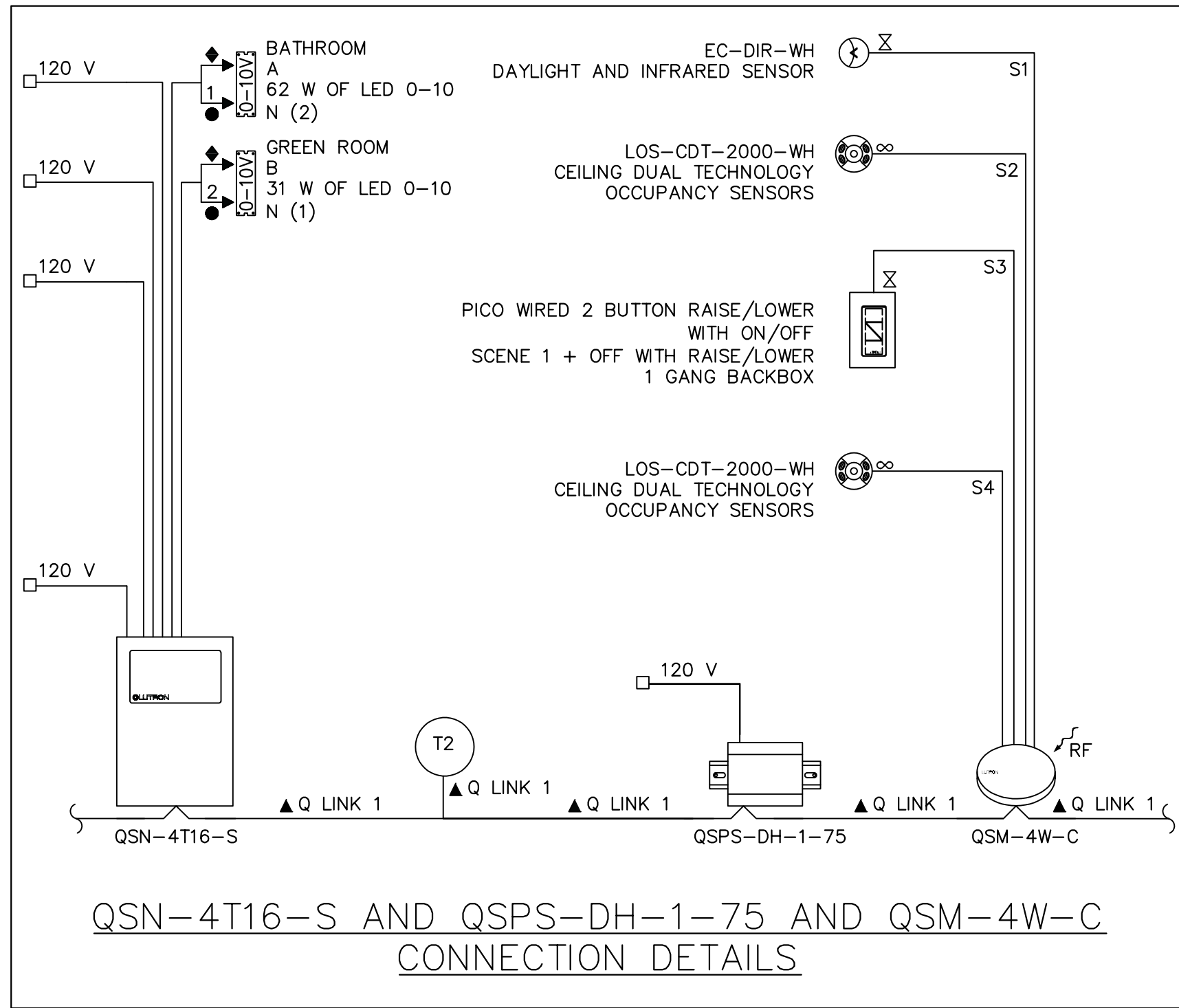


KEY NOTES:

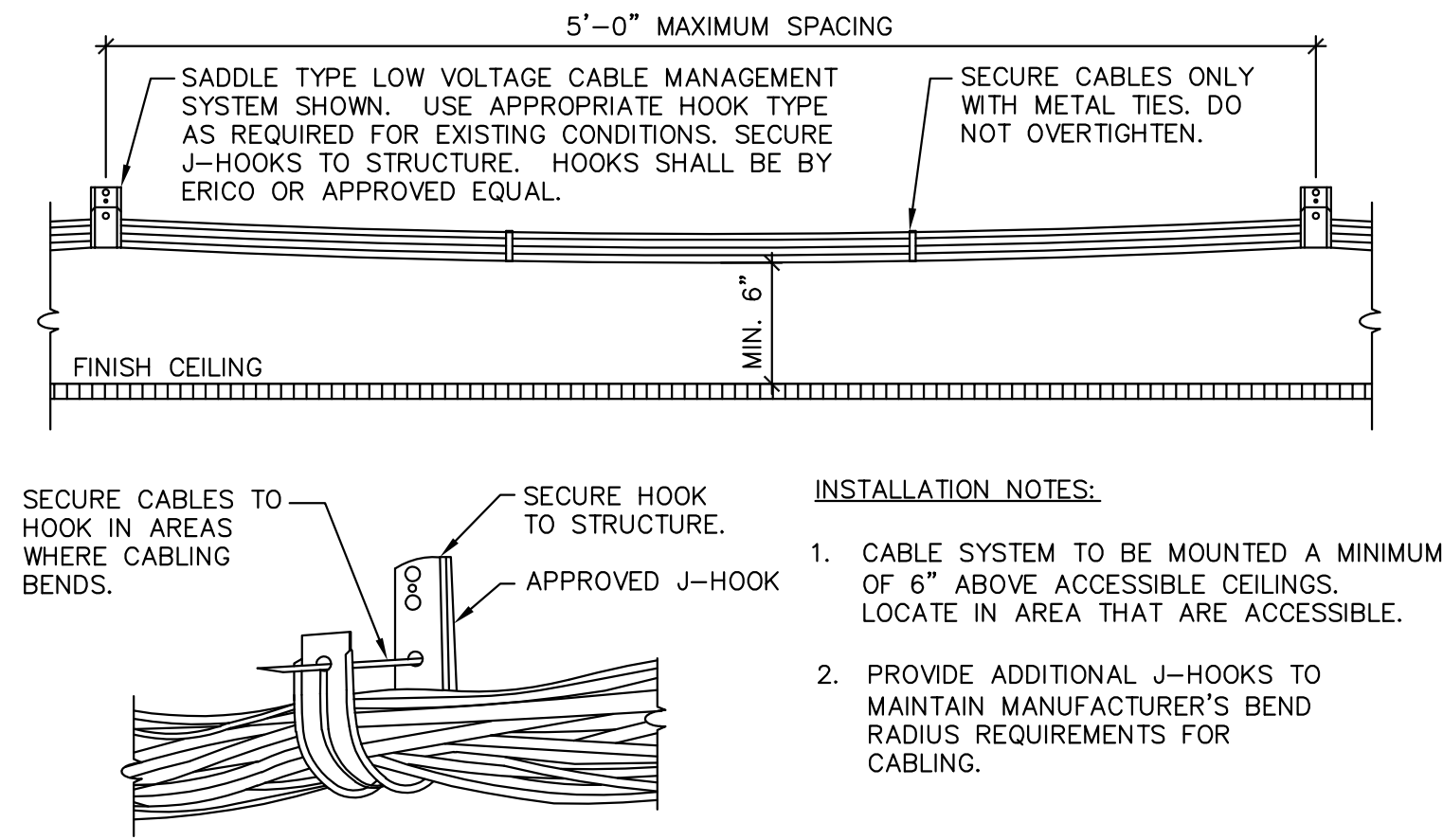
- ① CONTRACTOR SHALL RECONNECT EXISTING FEEDERS AND PROVIDE AND INSTALL 175AMP DUAL ELEMENT FUSE. PROVIDE ALL ACCESSORIES FOR FULL OPERATION.
- ② CONTRACTOR SHALL PROVIDE AND INSTALL PHASE PROTECTION RELAY SYSTEM.

ELECTRICAL PANEL SCHEDULE																			
PNL: RP-F10		MOUNTING: SURFACE <input checked="" type="checkbox"/>		MAIN LUGS ONLY		MAIN C BKR		GROUND BUS: <input checked="" type="checkbox"/>											
208Y/120, 3 PHASE, 4 WIRE		(NEMA 1)		FLUSH		DOUBLE LUGS		100		ISOLATED GROUND BUS:									
22 ,000MIN A.I.C. SYM		IN MCC		FEED THRU LUG		MAIN BUS		TVSS:											
NEUTRAL: 100%				SHUNT TRIP MAIN		125 A		NUMBER OF POLES: 42											
CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA / PHASE			KVA / PHASE			CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.				
1	20	OFFICE F2E RECPT	2#12+1#12G	3/4	0.54			0.40			3/4	2#12+1#12G	OFFICE F2E RECPT	20	2				
3	20	OPEN OFF F2A RECPT	2#12+1#12G	3/4			0.90	0.40			3/4	2#12+1#12G	OFFICE F2D RECPT	20	4				
5	20	LIVING RM F2 RECPT	2#12+1#12G	3/4					0.20		3/4	2#12+1#12G	PROJECTOR SCREEN	20	6				
7	20	LIVING RM F2 RECPT	2#12+1#12G	3/4	0.90			0.60			3/4	2#12+1#12G	FIREPLACE	20	8				
9	20	LIVING RM F2 RECPT	2#12+1#12G	3/4			1.08	0.90			3/4	2#12+1#12G	ACCESS CTRL PNL	20	10				
11	20	GALLERY F0	2#12+1#12G	3/4					0.20		3/4	2#12+1#12G	F000B MAG-LOCK	20	12				
13	20	OUTLETS	2#12+1#12G	3/4	0.72								SPARE	20	14				
15	20	OUTLETS	2#12+1#12G	3/4			0.90				-	-	SPARE	20	16				
17	20	LIGHTS	2#12+1#12G	3/4							-	-	SPARE	20	18				
19	20	LIGHTS	2#12+1#12G	3/4	0.90						-	-	SPARE	20	20				
21	20	LIGHTS	2#12+1#12G	3/4			1.20				-	-	SPARE	20	22				
23	20	STO RM F10A	2#12+1#12G	3/4				0.36			-	-	SPARE	20	24				
25	20	MULT PRP RM F10 RECPT	2#12+1#12G	3/4	1.08						-	-	SPARE	20	26				
27	20	PROJECTOR	2#12+1#12G	3/4			0.50				-	-	SPARE	20	28				
29	20	CNF RM F2B RECPT	2#12+1#12G	3/4				0.40			-	-	SPARE	20	30				
31	20	CNF RM F2B RECPT	2#12+1#12G	3/4	0.40								SPARE	20	32				
33	20	IT CL F2C RECPT	2#12+1#12G	3/4			0.50						SPARE	20	34				
35	20	IT CL F2C RECPT	2#12+1#12G	3/4				0.50					SPARE	20	36				
37	20	OFFICE F2D RECPT	2#12+1#12G	3/4	0.54								SPARE	20	38				
39	20	WATER FOUNTAIN	2#12+1#12G	3/4			0.50						SPARE	20	40				
41	20	SPARE	-	-							-	-	SPARE	20	42				
SUBTOTALS					5.1	5.6	3.4	1.0	1.3	0.4	SUBTOTALS								
TOTAL LOADS					6.1	KVA PHASE A		LIGHTING:			3.00 KVA								
					6.9	KVA PHASE B		RECEPTACLE:			12.08 KVA								
					3.8	KVA PHASE C		KITCHEN:			0.00 KVA								
TOTAL CONN. LOAD					16.8	KVA	47	A	MOTOR:			0.00 KVA							
TOTAL DEMAND LOAD					15.7	KVA	44	A	POWER:			1.70 KVA							
									TOTAL:			16.78 KVA							

ELECTRICAL PANEL SCHEDULE																			
PNL: RP-F29 208Y/120, 3 PHASE, 4 WIRE 22 ,000MIN A.I.C. SYM <u>NEUTRAL: 100%</u>			MOUNTING:		SURFACE <input checked="" type="checkbox"/>		MAIN LUGS ONLY			MAIN C BKR		GROUND BUS: <input checked="" type="checkbox"/>							
			(NEMA 1)		FLUSH		DOUBLE LUGS			100		ISOLATED GROUND BUS:							
					IN MCC		FEED THRU LUG			MAIN BUS		TVSS:							
							SHUNT TRIP MAIN			125 A		NUMBER OF POLES: <u>42</u>							
CKT No.	TRIP (AMP)	LOAD	WIRE	CND. (IN.)	KVA / PHASE			KVA / PHASE			CND. (IN.)	WIRE	LOAD	TRIP (AMP)	CKT No.				
1	20	VAV-1,3,16,17	2#12+1#12G	3/4	0.96						-	-	SPARE	20	2				
3	20	VAV-2,4,5,18	2#12+1#12G	3/4			0.96				-	-	SPARE	20	4				
5	20	VAV-6,7,13,19	2#12+1#12G	3/4							-	-	SPARE	20	6				
7	20	VAV-11,12,14,15	2#12+1#12G	3/4	0.96						-	-	SPARE	20	8				
9	20	VAV-8,9,10	2#12+1#12G	3/4			0.96				-	-	SPARE	20	10				
11	20	FT OFF F01 RECPT	2#12+1#12G	3/4							-	-	SPARE	20	12				
13	20	FT OFF F01 RECPT	2#12+1#12G	3/4	1.08						-	-	SPARE	20	14				
15	20	FT OFF F01 RECPT	2#12+1#12G	3/4			0.72				-	-	SPARE	20	16				
17	20	OFF RECPT	2#12+1#12G	3/4							-	-	SPARE	20	18				
19	20	SPARE	-	-							-	-	SPARE	20	20				
21	20	SPARE	-	-							-	-	SPARE	20	22				
23	20	SPARE	-	-							-	-	SPARE	20	24				
25	20	SPARE	-	-							-	-	SPARE	20	26				
27	20	SPARE	-	-							-	-	SPARE	20	28				
29	20	SPARE	-	-							-	-	SPARE	20	30				
31	20	SPARE	-	-							-	-	SPARE	20	32				
33	20	SPARE	-	-							-	-	SPARE	20	34				
35	20	SPARE	-	-							-	-	SPARE	20	36				
37	20	SPARE	-	-							-	-	SPARE	20	38				
39	20	SPARE	-	-							-	-	SPARE	20	40				
41	20	SPARE	-	-							-	-	SPARE	20	42				
SUBTOTALS					3.0	2.6	2.4	0.0	0.0	0.0	SUBTOTALS								
TOTAL LOADS					3.0	KVA PHASE A		LIGHTING:				0.00 KVA							
					2.6	KVA PHASE B		RECEPTACLE:				3.24 KVA							
					2.4	KVA PHASE C		KITCHEN:				0.00 KVA							
TOTAL CONN. LOAD					8.0	KVA	22	A	MOTOR:				4.80 KVA						
TOTAL DEMAND LOAD					8.0	KVA	22	A	POWER:				0.00 KVA						
								TOTAL:				8.04 KVA							

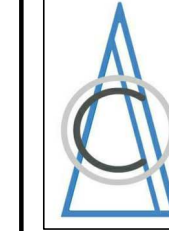


- NOTES:
- USE WHERE CONDUITS PASS THRU FIRE RATED WALL.
 - WHERE CONDUITS PASS THRU CONCRETE BEAM, BRICK WALL, OR WATER PROOF FLOORS, USE PIPE SLEEVES.



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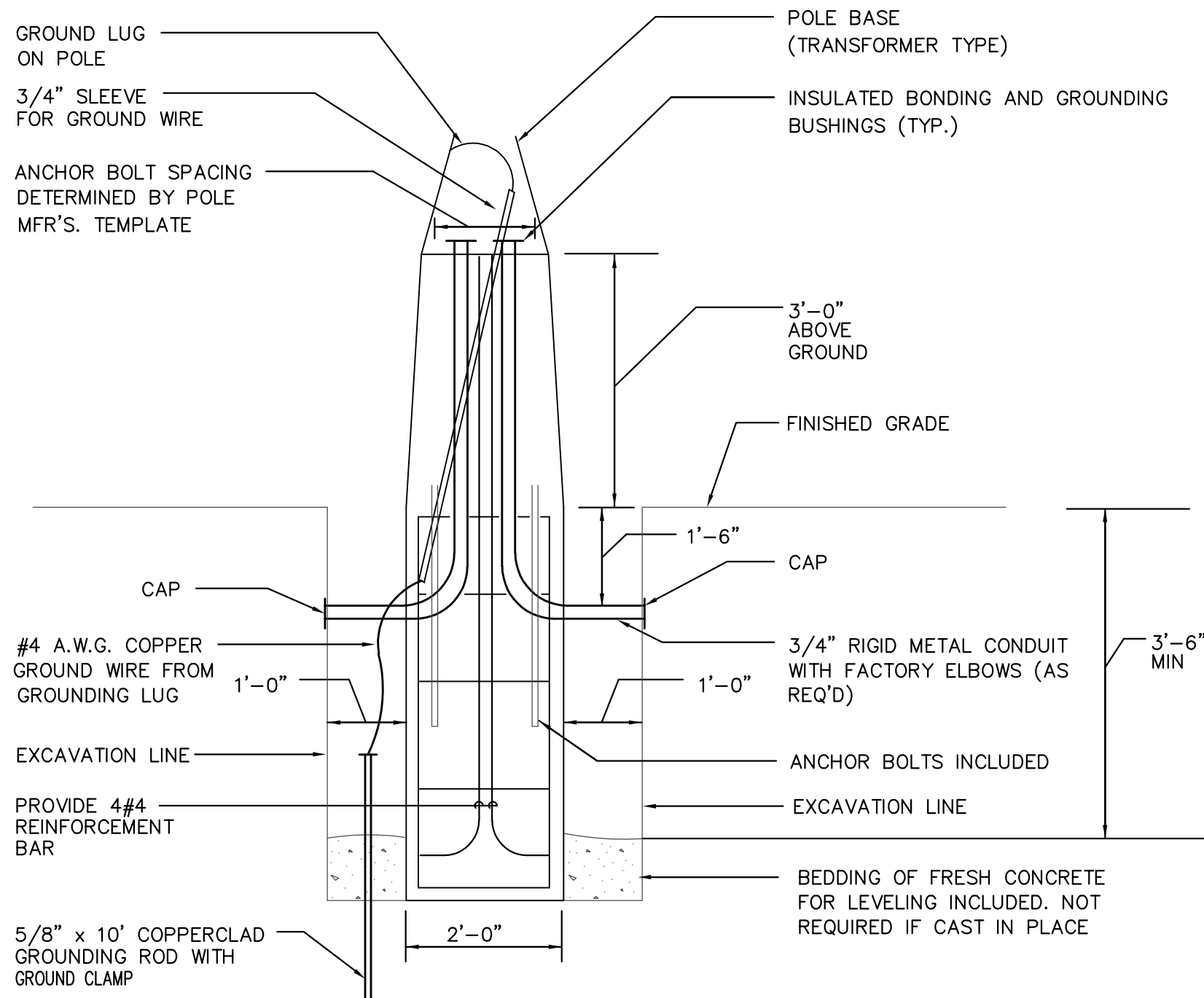
INTERIOR LIGHT FIXTURE SCHEDULE

SYMBOL	TYPE	POWER (W)	VOLTAGE (V)	MFG	CATALOG NUMBER	DESCRIPTION
	A	30	120	LITECONTROL	50L-X-D-22-SOF-CX-35K-D30-EF	2X2 LED TROFFER
	A	30	120	LITECONTROL	50L-X-D-22-SOF-CX-35K-D37-EF	2X2 LED TROFFER
	A	30	120	LITECONTROL	50L-X-D-22-SOF-CX-35K-D45-EF	2X2 LED TROFFER
	B	30	120	LITECONTROL	50L-X-D-14-SOF-CX-35K-D30-EF	1X4 LED TROFFER
	B	30	120	LITECONTROL	50L-X-D-14-SOF-CX-35K-D36-EF	1X4 LED TROFFER
	C	16	120	INTENSE LIGHTING	MXG2PSDL13050	3.5 INCH LED SQUARE CYLINDER
	D	7.4	120	MODERN FORMS	PD-82006-AB	DOUBLE BUBBLE, AGED BRASS 3000K WITH 90 CRI DIMMING ELV. CONSTRUCTION CONSIST OF STEEL BODY WITH CRYSTAL DIFFUSER
	E	16	120	INTENSE LIGHTING	GD4DSL230-WF_JSD400W	4 INCH LED DOWNLIGHT
	F	30	120	LITECONTROL	2L-WSX-D-4-SOF-X-CX-35K-D040	LINEAR LED PERIMETER LIGHT (REFER TO PLAN FOR RUN LENGTHS)
	H	10	120	HE WILLIAMS	11SF-ADVISE-ADVISE-8-ADVISEADVISE-ADVISE-ADVISE-U NV	
	EXIT	3	120	HUBBELL LIGHTING	LEWDRRNE	

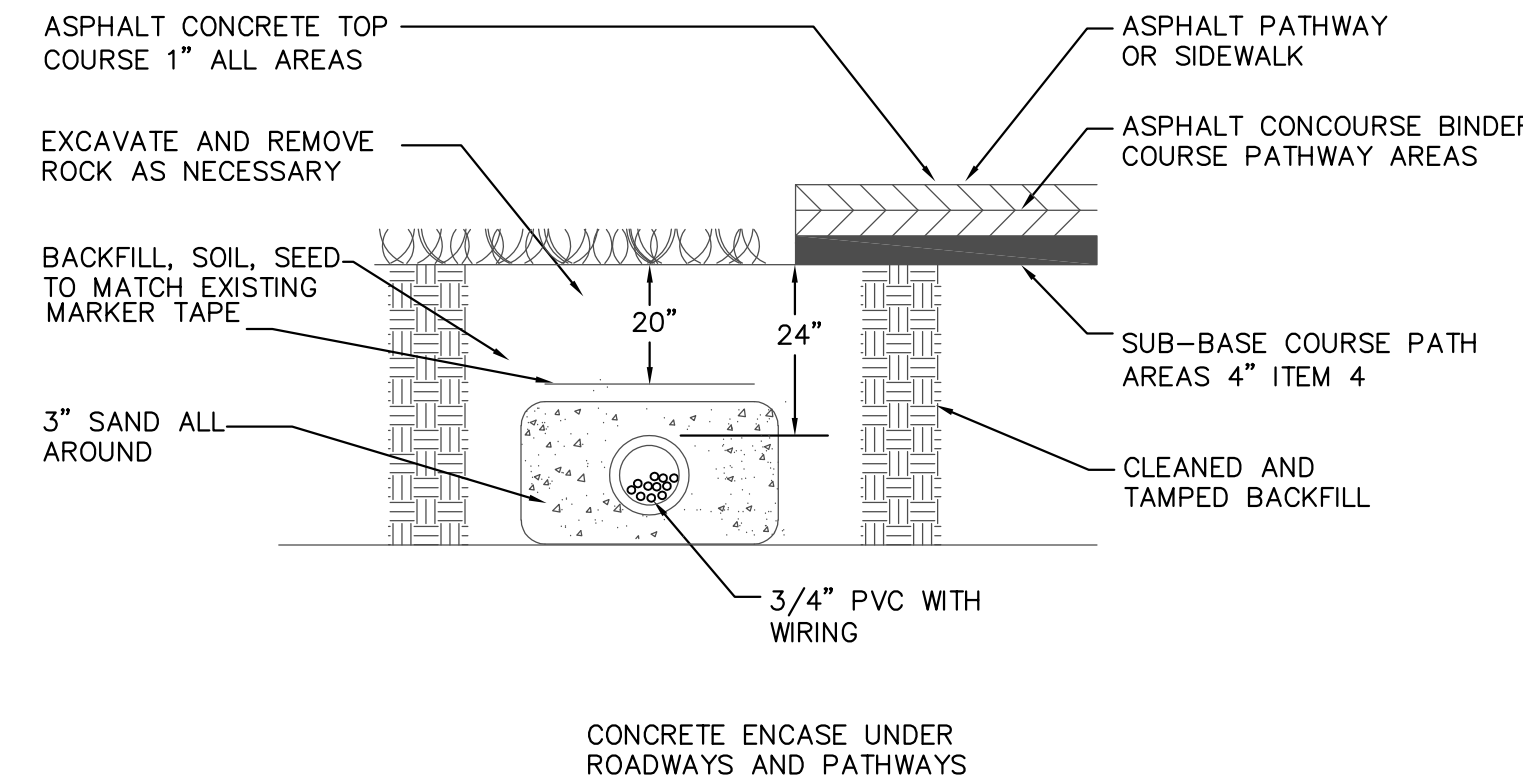
EXTERIOR LIGHT FIXTURE SCHEDULE

SEE LANDSCAPE ARCHITECT'S PLANS

*CONTRACTOR SHALL CONFIRM ALL FIXTURE SELECTIONS WITH ARCHITECT/OWNER PRIOR TO PURCHASE. COORDINATE ALL COLOR FINISH, TRIM, STYLE BY ARCHITECT VOLTAGE AND POWER REQUIREMENTS BY ENGINEER.



LIGHT POLE BASE DETAIL



SITE LIGHTING TRENCH DETAIL

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CHECKED BY:	WP	

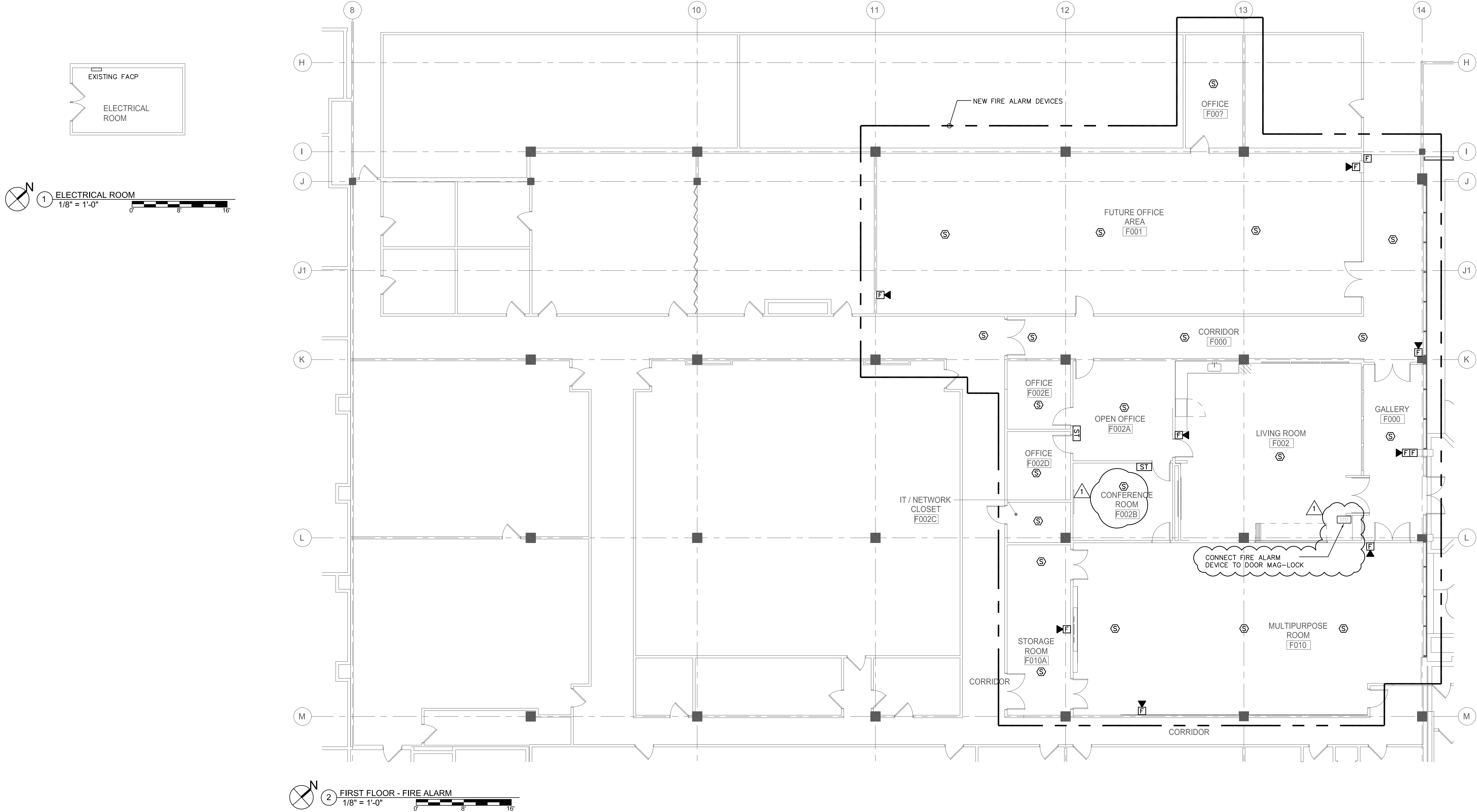
PROJECT NUMBER:

P2106

SHEET TITLE:
**ELECTRICAL DETAILS AND
LIGHT FIXTURE SCHEDULE**

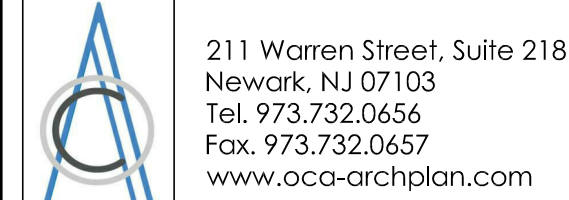
SHEET NUMBER:

E-6.0



- NOTES:**
1. CONTRACTOR SHALL SUPPORT THE REMOVAL AND RE-INSTALLATION OF CEILING MOUNTED FIRE ALARM DEVICES TO ACCOMMODATE NEW CEILING. COORDINATE WITH OWNER/ARCHITECT.
 2. CONTRACTOR SHALL PROVIDE FULL RE-PROGRAMMING OF THE FACP TO ACCOMMODATE NEW DEVICES.
 3. ALL SMOKE DETECTORS SHALL BE COMBINATION SMOKE AND CARBON MONOXIDE DETECTORS.
 4. CONTRACTOR SHALL ENSURE FIRE ALARM AND CARBON MONOXIDE COVERAGE DURING CONSTRUCTION.

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5	08-16-2021	ISSUE DATE:
6	08-16-2021	DRAWN BY: KS
7	08-16-2021	CHECKED BY: WP

PROJECT NUMBER:
P2106

SHEET TITLE:
FIRST FLOOR FIRE ALARM PLAN

SHEET NUMBER:
FA-1.0

GENERAL FIRE ALARM SYSTEM NOTES:

- TO ENSURE COMPATIBILITY WITH EXISTING SYSTEM AND PROVIDE A SINGLE SOURCE FOR SUPPLY OF PARTS AND MAINTENANCE, PROVIDE PRODUCTS OF THE SAME MANUFACTURERS (NOTIFIER) AS THE EXISTING SYSTEM OR AN APPROVED EQUAL.
- ALL WORK SHALL COMPLY WITH THE APPLICABLE BUILDING CODE, LOCAL ORDINANCE AND REGULATIONS AND THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION, NFPA 70 AND NFPA 72.
- THE ELECTRICAL CONTRACTOR SHALL MAKE THE NECESSARY ARRANGEMENTS WITH THE OWNER'S SERVICE AGENCY TO SUPERVISE THE NEW FIRE ALARM WORK AND MAKE WIRING CONNECTIONS AND INCLUDE THE SERVICE AGENCY'S CHARGES FOR THIS WORK IN HIS PROPOSAL.
- TEST THE EXISTING SYSTEM IN THE PRESENCE OF THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING ANY WORK IN THE BUILDING. INITIATE A FIRE DRILL WITH THE ALARM RECEIVING STATION DISCONNECTED AND OBSERVE THE RESPONSE OF ALL INDICATING AND INITIATING DEVICES.
- CHECK THE INTEGRITY OF EXISTING CIRCUITS BEFORE CONNECTING TO THEM. RECORD THE RESULTS, AND MODIFY AS REQUIRED. DO NOT MAKE ANY CONNECTION TO THE EXISTING SYSTEM UNTIL IT'S OPERATING CONDITION HAS BEEN CONFIRMED.
- MAINTAIN THE EXISTING SYSTEM AS FULLY OPERATIONAL DURING THE WORK.
- MODIFY THE EXISTING FIRE ALARM CONTROL PANEL AS REQUIRED. ALL NEW ALARM INITIATION DEVICES SHALL BE CONNECTED TO ACTIVATE THE EXISTING FIRE ALARM SYSTEM ZONE WHICH SERVES THAT PARTICULAR AREA OF THE EXISTING BUILDING WHERE THE NEW DEVICES ARE LOCATED.
- ALL NEW FIRE ALARM DEVICES AND ZONES SHALL BE TERMINATED AT THE FIRE ALARM CONTROL PANEL. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PANEL ACCESSORIES REQUIRED TO MEET THE SEQUENCE OF OPERATIONS INCLUDING RELAY BOARDS, EXPANSION CARDS, POWER SUPPLIES, ETC. PROVIDE ADDITIONAL CABINET SPACE IF REQUIRED. FIRE ALARM CONTRACTOR SHALL PROVIDE ALL PROGRAMMING OF FIRE ALARM CONTROL PANEL AND ACCESSORIES. CONNECT ALL DEVICES TO EXISTING BASE BUILDING FIRE ALARM CONTROL PANEL. MATCH EXISTING FIRE ALARM DEVICES. UPGRADE EXISTING FIRE ALARM SYSTEM AS REQUIRED. EXPANDED/UPGRADED FIRE ALARM SYSTEM SHALL PASS A RE-ACCEPTANCE TEST PER NFPA72.
- PROVIDE ALL NEW COMPONENTS AND APPURTENANCES IN THE EXISTING BUILDING FACP FOR A COMPLETE AND OPERATIONAL SYSTEM. EXISTING FIRE ALARM EQUIPMENT SHALL REMAIN FULLY OPERATIONAL DURING CONSTRUCTION.
- ALL FIRE ALARM WIRING (TYPE AND SIZE) SHALL BE AS REQUIRED BY DISTANCE BETWEEN COMPONENTS, IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SHALL BE INSTALLED IN CONDUIT. WIRING SHALL BE SOLID COPPER CONDUCTORS WITH 600V RATED 75° C, COLOR-CODED INSULATION, NO 16AWG MINIMUM, IN SHIELDED PLENUM RATED CABLE.
- ALL CABLING SHALL BE PLENUM RATED.
- ALL NEW CONDUITS SHALL BE RUN CONCEALED.
- THE CONTRACTOR SHALL SUBMIT EACH OF THE FOLLOWING:
 - PRODUCT DATA FOR EACH TYPE OF COMPONENT SPECIFIED INCLUDING DIMENSIONED PLANS AND ELEVATIONS.
 - SYSTEM OPERATION DESCRIPTION, INCLUDING METHOD OF OPERATION AND SUPERVISION OF EACH TYPE OF CIRCUIT AND SEQUENCE OF OPERATIONS FOR ALL MANUALLY AND AUTOMATICALLY INITIATED SYSTEM INPUTS AND OUTPUTS.
 - BATTERY CALCULATIONS, RISER DIAGRAMS, DEVICE AND PANEL OUT SHEETS, AND VOLTAGE CALCULATIONS FOR THE FIRE ALARM SYSTEM TO THE CODE OFFICIAL FOR FINAL APPROVAL PRIOR TO BEGINNING ANY WORK RELATED TO THE FIRE ALARM SYSTEM.
- EXISTING FIRE ALARM SMOKE DETECTORS, PULL STATIONS, STROBES AND SPEAKERS MAY BE REUSED DURING CONSTRUCTION FOR INTERIM LIFE SAFETY TO BE PROTECTED DURING CONSTRUCTION. UNLESS OTHERWISE NOTED, EXISTING FIRE ALARM DEVICES NOT BEING REUSED AS NOTED SHALL BE DEMOLISHED.
- ALL FIRE ALARM DEVICES AND CIRCUITS SHALL BE TERMINATED AT THE FIRE ALARM CONTROL PANEL. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PANEL ACCESSORIES REQUIRED TO MEET THE SEQUENCE OF OPERATIONS INCLUDING RELAY BOARDS, EXPANSION CARDS, POWER SUPPLIES, ETC. PROVIDE ADDITIONAL CABINET SPACE IF REQUIRED. FIRE ALARM CONTRACTOR SHALL PROVIDE ALL PROGRAMMING OF FIRE ALARM CONTROL PANEL AND ACCESSORIES.
- ALL FIRE ALARM WIRING SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND SHALL BE INSTALLED IN CONDUIT. WIRING SHALL BE SOLID COPPER CONDUCTORS WITH 600V RATED 75° C, COLOR-CODED INSULATION, NO 16AWG MINIMUM, IN SHIELDED PLENUM RATED CABLE.
- HORNS SHALL BE CONTROLLED SEPARATELY FROM STROBES.
- WARNING SIGNALS SHALL BE HORN/STROBE PROGRAMMED FOR "MARCH-TIME" OPERATION.
- ALL STROBES MUST BE SYNCHRONIZED.
- HEAT DETECTORS SHALL BE COMPATIBLE WITH FIRE ALARM SYSTEM. CONTRACTOR SHALL VERIFY EXACT HEAT DETECTOR REQUIREMENTS IN ACCORDANCE WITH CODE.
- CANDELA OUTPUT OF THE VISUAL DEVICES ARE FIELD SELECTED. PROVIDE STROBE CANDELA AS REQUIRED BY AREA. THE CANDELA OUTPUT IS 15cd UNLESS OTHERWISE NOTED. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF THE FINAL LOCATION OF THE COMBINATION AUDIBLE/VISUAL AND VISUAL NOTIFICATION DEVICE.
- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL COMPONENTS NECESSARY FOR A UL LISTED FULLY FUNCTIONING, NETWORKED, ADDRESSABLE AND INTELLIGENT PROPRIETARY FIRE ALARM SYSTEM IN ACCORDANCE WITH CODE.
- AFTER THE NEW WORK IS COMPLETE, TEST ALL NEW AND EXISTING INITIATING DEVICES TO ENSURE PROPER OPERATION OF THE EXISTING FIRE ALARM SYSTEM IN ACCORDANCE WITH NFPA 72 THE EXISTING CIRCUITS TO WHICH THE NEW DEVICES ARE CONNECTED. TEST ALL OF THE EXISTING (INITIATION DEVICES IN THE ROOMS AND SPACES IMMEDIATELY ADJACENT TO THE AREA OF WORK). REPLACEMENT OF THE FACP REQUIRES ONE-HUNDRED PERCENT (100%) TESTING OF ALL NEW AND EXISTING SYSTEM COMPONENTS, ASSURING THAT THE NEW FIRMWARE AND SOFTWARE IS COMPATIBLE WITH THE ENTIRE SYSTEM.
- UPON COMPLETION OF FIRE ALARM WORK, PROVIDE 100% RETESTING OF SYSTEM.

GENERAL NOTES:

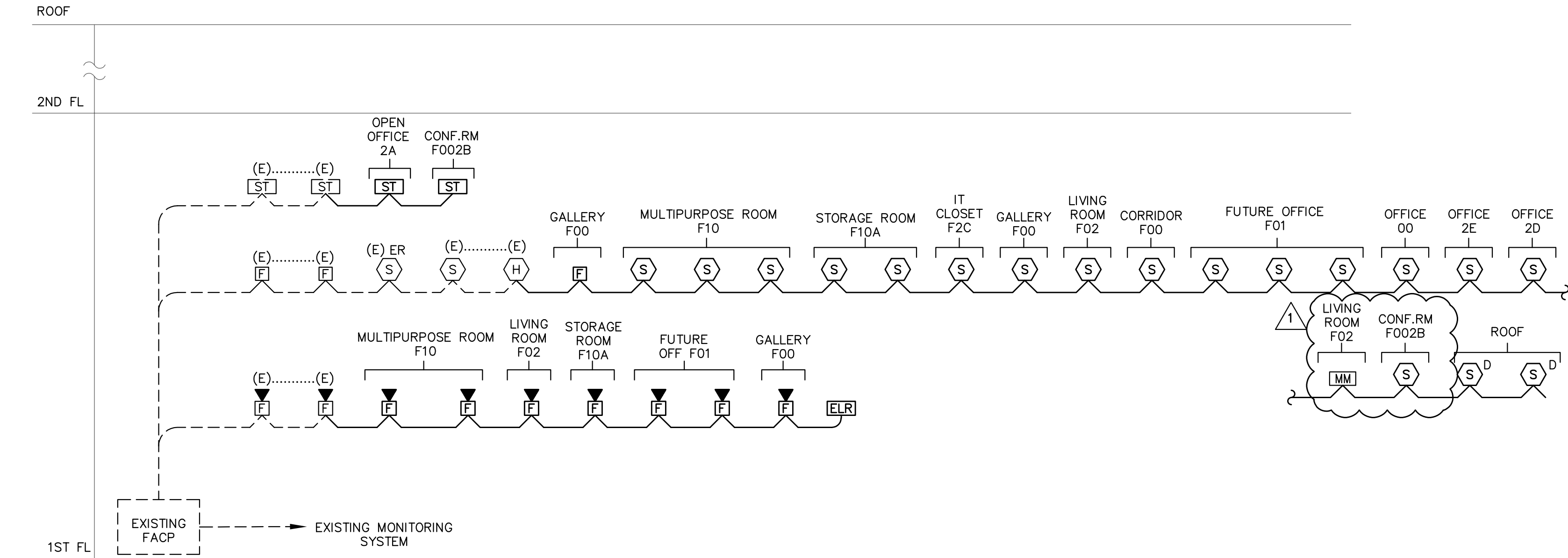
- REFER TO THE ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS FOR SCOPE OF WORK.
- ELECTRICAL CONTRACTOR SHALL COORDINATE SEQUENCING WITH GENERAL CONTRACTOR AND OTHER CONTRACTORS EMPLOYED ON THE PROJECT PRIOR TO START OF WORK.
- AT NO TIME DURING CONSTRUCTION SHALL ANY PORTION OF THE FIRE ALARM SYSTEM BE TAKEN OUT OF SERVICE WITHOUT CONTACTING THE FIRE ALARM MARSHAL. NOTE THAT EVEN TEMPORARILY COVERING ANY DEVICE TO PROTECT IT FROM DIRT AND DUST STILL CONSTITUTES THAT THE DEVICE IS TEMPORARILY OUT OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE LOCAL FIRE MARSHAL CONCERNING THE FIRE ALARM SYSTEM SHUTDOWN AND FIRE WATCH PLANS THAT WILL BE IMPLEMENTED FOR SYSTEM INTERRUPTIONS DURING CONSTRUCTION.
- ELECTRICAL CONTRACTOR TO CONFIRM ALL ELECTRICAL REQUIREMENTS FOR APPROVED EQUIPMENT AND DEVICES WITH ALL OTHER CONTRACTORS AND OWNER PRIOR TO PURCHASE AND START OF WORK.
- ELECTRICAL CONTRACTOR TO COORDINATE AND CONFIRM ALL EXACT INSTALLATION LOCATIONS, MOUNTING HEIGHTS AND INTERCONNECTION REQUIREMENTS FOR DEVICES AND EQUIPMENT WITH ALL OTHER CONTRACTORS PRIOR TO ROUGH-IN.
- REFER TO FLOOR PLANS FOR PROPOSED ANTICIPATED QUANTITIES AND LOCATIONS OF INITIATING AND NOTIFICATION DEVICES AND EQUIPMENT. EXACT QUANTITIES OF FIRE ALARM DEVICES FOR THE COMPLETE SYSTEM SHALL BE AS REQUIRED BY CODE AND MANUFACTURER'S SPECIFICATIONS.
- PROVIDE STROBE CANDELA AS REQUIRED BY AREA.
- REFER TO FIRE PROTECTION CONTRACTOR DRAWINGS FOR LOCATIONS AND QUANTITIES OF MONITORED FIRE PROTECTION SYSTEM VALVES, WATER FLOW, TAMPER, AND PRESSURE SWITCHES. COORDINATE CONNECTION OF THESE DEVICES TO THE FIRE ALARM SYSTEM WITH THE FIRE PROTECTION CONTRACTOR.
- REFER TO MECHANICAL CONTRACTOR DRAWINGS FOR LOCATIONS AND QUANTITIES OF MONITORED DUCT-MOUNTED SMOKE DETECTORS AND SMOKE DAMPERS. COORDINATE CONNECTION OF THESE DEVICES TO THE FIRE ALARM SYSTEM WITH THE MECHANICAL CONTRACTOR.
- PERMITS AND APPROVALS NECESSARY FOR INSTALLATION OF THE WORK SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF THE WORK. ALL PERMIT COSTS AND INSPECTION FEES SHALL BE INCLUDED AS PART OF THIS CONTRACT.
- IN AREAS WHERE DUST AND DIRT WILL BE AIRBORNE DURING DEMOLITION AND CONSTRUCTION THE CONTRACTOR SHALL PROVIDE PLASTIC WRAP OVER SMOKE DETECTORS AND THEN REMOVE ONCE SPACE IS CLEAN.
- UNLESS DIRECTED OTHERWISE BY FIRE ALARM SYSTEM MANUFACTURER FIRE ALARM

DEVICE WIRING SHALL BE AS FOLLOWS (FOR BIDDING PURPOSES ONLY):
BELL/SPEAKER WIRING - #16 AWG TWISTED
STROBE WIRING - #14 AWG TWISTED
SIGNAL WIRING - #14 AWG TWISTED/SHIELDED

THE WIRING SHALL HAVE THE FOLLOWING CHARACTERISTICS:
A. A MINIMUM TEMPERATURE RATING OF 150 C
B. A MINIMUM AVERAGE INSULATION THICKNESS OF 15 MILS
C. A MINIMUM AVERAGE JACKET THICKNESS OF 25 MILS
D. THE COLOR OF THE CABLE SHALL BE RED
E. THE CABLE SHALL BE A TYPE FPLP (PLENUM TYPE) WHEN CONDUIT IS USED. SEE NOTE 5 FOR ADDITIONAL CLARIFICATION.
F. THE CABLE SHALL BE VISIBLY MARKED EXTERNALLY THAT IT MEETS THE ABOVE REQUIREMENTS AND IS LISTED BY UL.

CONFIRM WIRING TYPE AND QUANTITY WITH FIRE ALARM SYSTEM MANUFACTURER

- PROVIDE MC FIRE ALARM CABLE WITH RED STRIPE AS MANUFACTURED BY AFC SERIES 1800 WHEN CABLE IS CONCEALED OR ABOVE HUNG CEILING. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN FINISHED AREAS, CABLE SHALL RUN IN WIREMOLD V-700. WHEN FIRE ALARM CABLE IS RUN EXPOSED IN UNFINISHED AREAS, PROVIDE PLENUM RATED CABLE IN MIN. 3/4" CONDUIT.
- AFTER THE SYSTEM IS COMPLETE, TEST ALL COMPONENTS IN ACCORDANCE WITH SEQUENCE OF OPERATION PRIOR TO FIRE DEPARTMENT INSPECTION.
- COORDINATE F.A WORK WITH F.A VENDOR.
- VERIFY EXACT QUANTITIES OF FIRE ALARM DEVICES WITH PLANS.
- ALL DEVICES SHALL BE SUPERVISED AS PER N.F.P.A. 72. PROVIDE END OF LINE RESISTORS AS REQUIRED PER INDIVIDUAL MANUFACTURER. PROVIDE LOAD RELAYS AS REQUIRED FOR PROPER OPERATION OF EQUIPMENT.
- PROVIDE WIRE GUARDS FOR ALL FIRE ALARM DEVICES LOCATED IN MECHANICAL EQUIPMENT ROOMS.
- THIS CONTRACTOR IS RESPONSIBLE FOR ALL PROGRAMMING AND MAPPING OF EACH DEVICE AS REQUIRED.
- CONTRACTOR IS RESPONSIBLE FOR REQUESTING INSPECTION BY THE AHJ AND FOR COORDINATING THE ATTENDANCE OF ALL NECESSARY TRADES AND PERSONNEL AT THE INSPECTION.
- CONTRACTOR SHALL PROVIDE AS-BUILT RISER DIAGRAM AT THE AHJ INSPECTION.
- COPY OF THE AHJ LETTER OF APPROVAL SHALL BE FORWARDED TO BUILDING MANAGEMENT BY THIS CONTRACTOR.
- FIRE ALARM WIRING DIAGRAMS SHOWN ARE FOR GENERAL ARRANGEMENT ONLY. ELECTRICAL CONTRACTOR SHALL VERIFY AND OBTAIN POINT TO POINT WIRING DIAGRAM PRIOR TO INSTALLATION FROM MANUFACTURER.

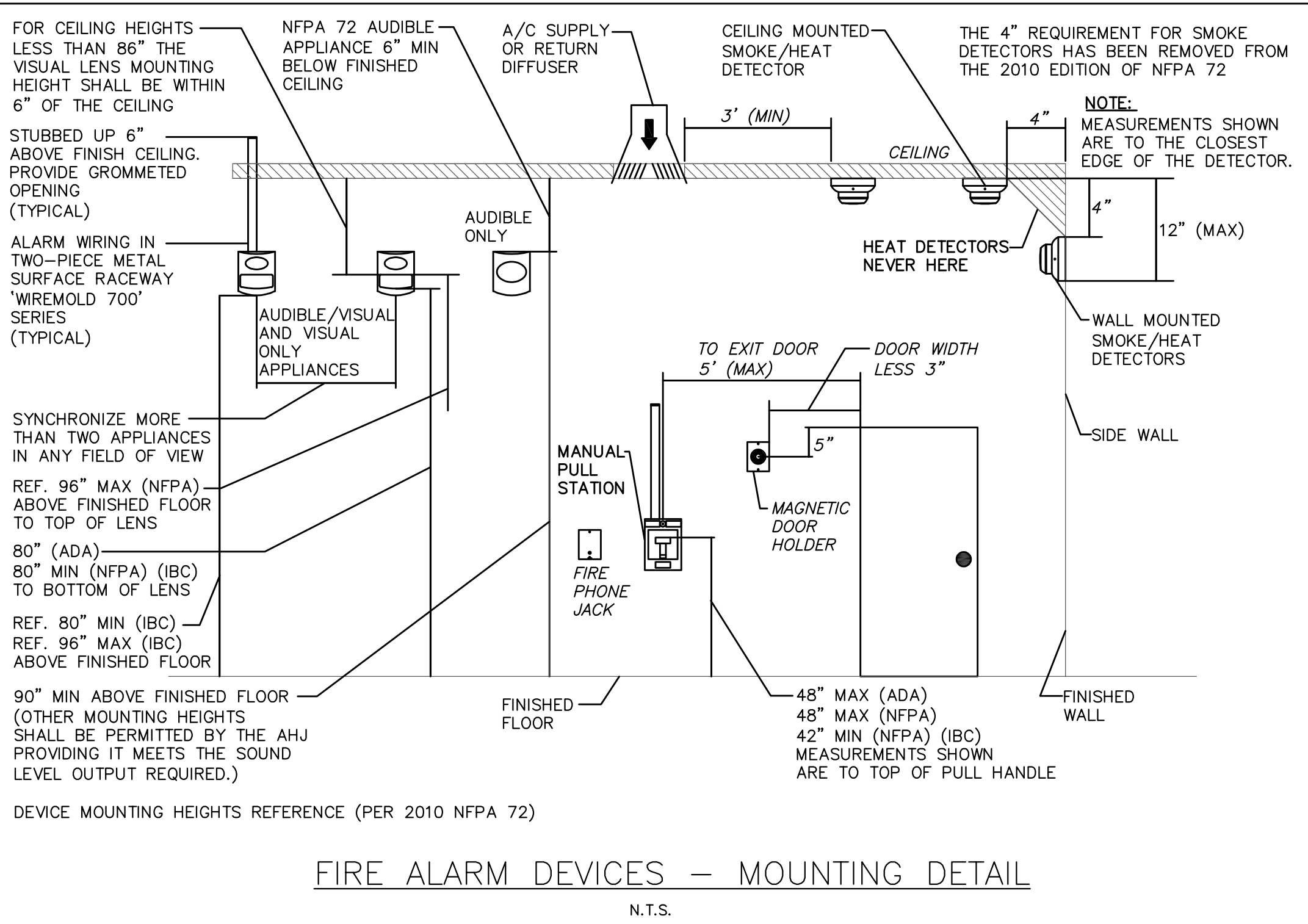


FIRE ALARM LEGEND

- F** MANUAL FIRE ALARM PULL STATION - MOUNT DEVICE AT 48" AFF ON CENTER. PROVIDE BATTERY OPERATED LOCAL ALARM BUZZER HOUSING MOUNTED OVER EACH PULL STATION. PROVIDE (1) SPARE BATTERY PER PULL STATION.
- ST** ADA COMPLIANT VISUAL ALARM SIGNALLING DEVICE - MOUNT AT 80" AFF. MINIMUM 15/75cd REQUIRED.
- ER** ADA COMPLIANT COMBINATION VISUAL AND AUDIBLE SIGNALING DEVICE - MOUNT AT 80" AFF. MINIMUM 15/75cd. AUDIBLE ALSO USED FOR EMERGENCY COMMUNICATIONS SYSTEM.
- H** CEILING MOUNTED HEAT DETECTOR
- S** CEILING MOUNTED SMOKE AND CARBON MONOXIDE DETECTOR
- FSD** COMBINATION FIRE SMOKE DAMPER
- MM** ADDRESSABLE MONITOR MODULE
- DH** ELECTRIC/MAGNETIC DOOR HOLDER
- TS** TAMPER SWITCH
- FS** WATER FLOW SWITCH
- S^D** DUCT SMOKE DETECTOR

ABBREVIATIONS

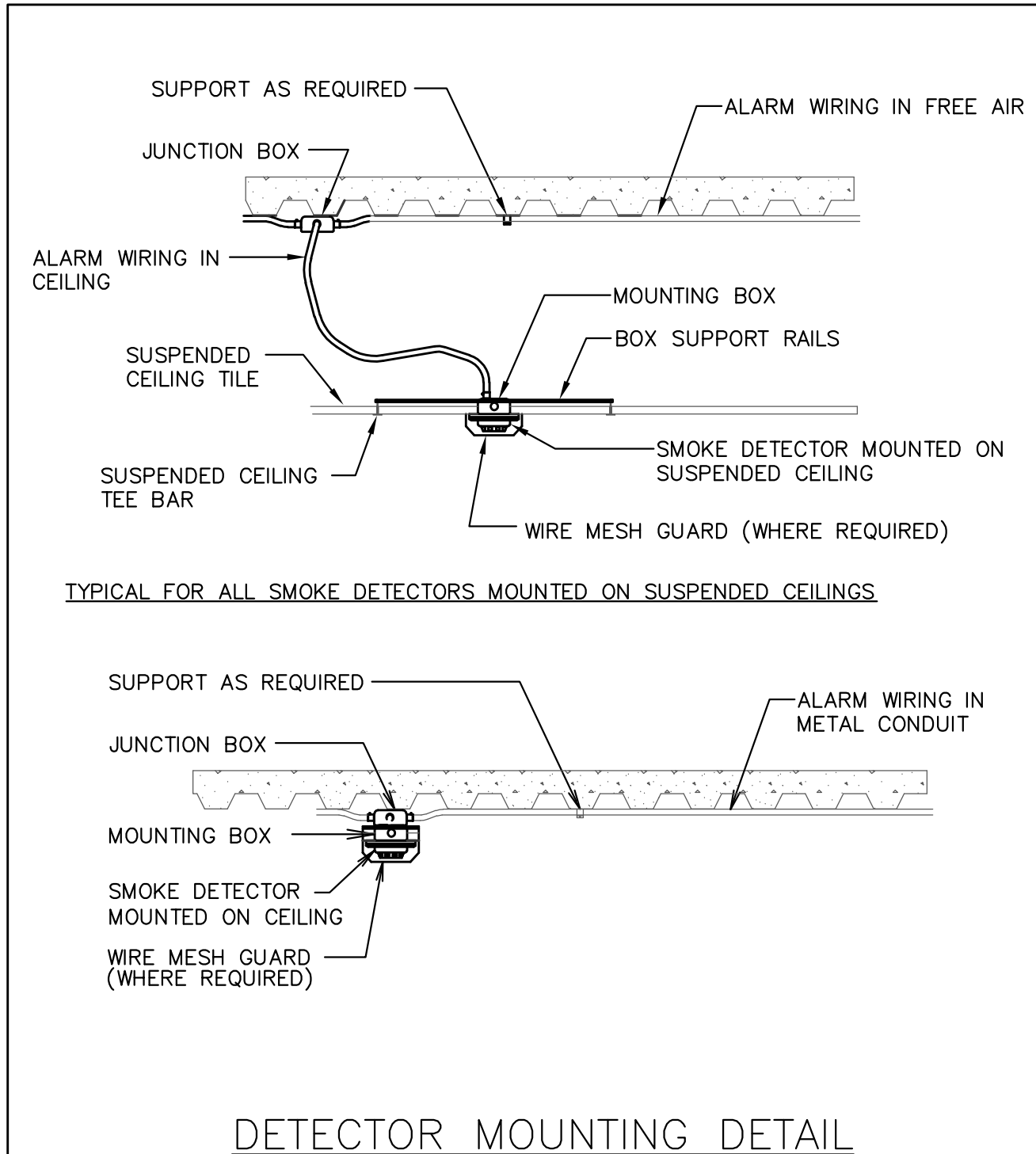
- (E)** - EXISTING TO REMAIN
- ER** - ELEVATOR RECALL
- FACP** - FIRE ALARM CONTROL PANEL



DEVICE MOUNTING HEIGHTS REFERENCE (PER 2010 NFPA 72)

FIRE ALARM DEVICES - MOUNTING DETAIL

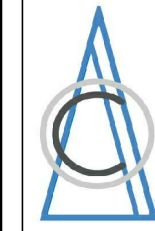
N.T.S.



DETECTOR MOUNTING DETAIL

OCA ARCHITECTS, INC.

Architecture | Interiors | Planning | Engineering



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STOCKTON UNIVERSITY
MULTICULTURAL CENTER

101 Vera King Farris Dr.
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CLIENT: Stockton University

REV.	DATE	DESCRIPTION
1	08-20-2021	ADDENDUM 1
2	08-21-2021	ISSUED FOR BID
3	08-16-2021	ISSUED FOR CONSTRUCTION PERMIT
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PROJECT NUMBER:

P2106

SHEET TITLE:

FIRE ALARM RISER, NOTES
AND DETAILS

SHEET NUMBER:

FA-3.0